



US Army Corps
of Engineers

DTIC FILE COPY

NATURAL RESOURCES
RESEARCH PROGRAM

2

MISCELLANEOUS PAPER R-90-1

DEVELOPMENT OF AN ECONOMIC IMPACT PERFORMANCE INDICATOR FOR THE CORPS OF ENGINEERS RECREATION PROGRAM

Phase II

FISCAL YEARS 1987 AND 1988 ECONOMIC
IMPACT PERFORMANCE INDICATORS

by

R. Scott Jackson, William A. Rogers

Environmental Laboratory

DEPARTMENT OF THE ARMY

Waterways Experiment Station, Corps of Engineers
3909 Halls Ferry Road, Vicksburg, Mississippi 39180-6199

DTIC
ELECTE
APR 10 1990
S D



March 1990

Final Report

Approved For Public Release. Distribution Unlimited



Prepared for DEPARTMENT OF THE ARMY
US Army Corps of Engineers
Washington, DC 20314-1000

Destroy this report when no longer needed. Do not return
it to the originator.

The findings in this report are not to be construed as an official
Department of the Army position unless so designated
by *other authorized documents*.

The contents of this report are not to be used for
advertising, publication, or promotional purposes.
Citation of trade names does not constitute an
official endorsement or approval of the use of
such commercial products.

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE

REPORT DOCUMENTATION PAGE				Form Approved OMB No. 0704-0188	
1a. REPORT SECURITY CLASSIFICATION Unclassified			1b. RESTRICTIVE MARKINGS		
2a. SECURITY CLASSIFICATION AUTHORITY			3. DISTRIBUTION/AVAILABILITY OF REPORT Approved for public release; distribution unlimited.		
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE					
4. PERFORMING ORGANIZATION REPORT NUMBER(S) Miscellaneous Paper R-90-1			5. MONITORING ORGANIZATION REPORT NUMBER(S)		
6a. NAME OF PERFORMING ORGANIZATION USAEWES Environmental Laboratory		6b. OFFICE SYMBOL (If applicable) CEWES-ER-R	7a. NAME OF MONITORING ORGANIZATION		
6c. ADDRESS (City, State, and ZIP Code) 3909 Halls Ferry Road Vicksburg, MS 39180-6199			7b. ADDRESS (City, State, and ZIP Code)		
8a. NAME OF FUNDING/SPONSORING ORGANIZATION US Army Corps of Engineers		8b. OFFICE SYMBOL (If applicable)	9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER		
8c. ADDRESS (City, State, and ZIP Code) Washington, DC 20314-1000			10. SOURCE OF FUNDING NUMBERS		
			PROGRAM ELEMENT NO	PROJECT NO	TASK NO
			WORK UNIT	ACCESSION NO	
11. TITLE (Include Security Classification) Development of an Economic Impact Performance Indicator for the Corps of Engineers Recreation Program: Phase II; Fiscal Years 1987 and 1988 Economic Impact Performance Indicators					
12. PERSONAL AUTHOR(S) Jackson, R. Scott; Rogers, William A.					
13a. TYPE OF REPORT Final report		13b. TIME COVERED FROM _____ TO _____		14. DATE OF REPORT (Year, Month, Day) March 1990	
15. PAGE COUNT 64					
16. SUPPLEMENTARY NOTATION Available from National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161.					
17. COSATI CODES			18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number)		
FIELD	GROUP	SUB-GROUP	Economic		
			Impact		
			Recreation		
19. ABSTRACT (Continue on reverse if necessary and identify by block number) This report presents measures of economic activity associated with the Corps of Engineers recreation program. Analysis presented in this report was specified by a committee formed by Headquarters, US Army Corps of Engineers to develop "performance indicators" for the Natural Resources Management Program. The economic impact performance presented is the ratio of visitor expenditures to recreation-related operation and maintenance costs. Performance indicators are presented for all Corps projects, District and Division offices.					
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT <input checked="" type="checkbox"/> UNCLASSIFIED/UNLIMITED <input type="checkbox"/> SAME AS RPT <input type="checkbox"/> DTIC USERS			21. ABSTRACT SECURITY CLASSIFICATION Unclassified		
22a. NAME OF RESPONSIBLE INDIVIDUAL			22b. TELEPHONE (Include Area Code)		22c. OFFICE SYMBOL

DD Form 1473, JUN 86

Previous editions are obsolete

SECURITY CLASSIFICATION OF THIS PAGE

Unclassified

PREFACE

This report describes work performed under the Natural Resources Research Program (NRRP) at the request of Headquarters, US Army Corps of Engineers (HQUSACE). The report presents an analysis of an economic impact performance indicator developed by a committee tasked to create performance indicators for functions of the HQUSACE Operations and Readiness Division. As a part of the analysis, significant economic activity was identified in association with the Corps' recreation program.

The authors of this report were Messrs. R. Scott Jackson and William A. Rogers, Environmental Laboratory (EL), US Army Engineer Waterways Experiment Station (WES), Vicksburg, MS. The study was supervised by Mr. H. Roger Hamilton, Chief, Resource Analysis Group, and Dr. Conrad J. Kirby, Chief, Environmental Resources Division, EL. Mr. J. L. Decell was Manager of NRRP, and Dr. John Harrison was Chief, EL. The report was edited by Ms. Janean Shirley, Information Management Division, Information Technology Laboratory, WES. Ms. Judith Rice and Mr. Robert Daniel, HQUSACE, were Technical Monitors of the NRRP.

COL Larry B. Fulton, EN, was Commander and Director of WES.
Dr. Robert W. Whalin was Technical Director.

Accession For	
NTIS CRA&I	<input checked="checked" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution /	
Availability Codes	
Dist	Avail and/or Special
A-1	



CONTENTS

	<u>Page</u>
PREFACE.....	1
PART I: INTRODUCTION.....	3
Background.....	3
Purpose and Scope.....	3
PART II: PROCEDURES.....	4
PART III: RESULTS.....	6
PART IV: LIMITATIONS.....	8
PART V: CONCLUSIONS AND RECOMMENDATIONS.....	9
TABLES 1 AND 2	
FIGURE 1	
APPENDIX A: PERFORMANCE INDICATOR CALCULATION PROCEDURE.....	A1
APPENDIX B: FY 87 ECONOMIC IMPACT PERFORMANCE INDICATOR REPORT.....	B1
APPENDIX C: FY 88 ECONOMIC IMPACT PERFORMANCE INDICATOR REPORT.....	C1

DEVELOPMENT OF AN ECONOMIC IMPACT PERFORMANCE INDICATOR FOR THE
CORPS OF ENGINEERS RECREATION PROGRAM

PHASE II: FISCAL YEARS 1987 AND 1988 ECONOMIC IMPACT PERFORMANCE INDICATORS

PART I: INTRODUCTION

Background

1. This report is the second in a series documenting economic activity generated by investment in recreation management at Corps of Engineers projects. The effort was initiated in response to a request from Headquarters, US Army Corps of Engineers (HQUSACE) and a committee formed to identify appropriate performance indicators (PI's) for natural resource management functions. The committee's activities were part of a larger initiative to develop measures of organizational performance for all functions in the CE Operations and Readiness Division. The committee decided to develop the PI presented in this report as a measure of economic activity associated with the Corps' recreation program.

Purpose and Scope

2. The purpose of this report is to present economic impact PI's for all administrative levels within the Corps of Engineers for fiscal year (FY) 87 and FY 88. Additionally, general findings on economic activity associated with the Corps' recreation program are discussed. The PI presented in this report was applied exclusively to existing data obtained from a variety of sources. Application of this PI (as well as all others) to Natural Resource Management Program activities will be specified by HQUSACE.

3. The "economic impact" PI presented in this report is the ratio of estimated visitor spending to Federal recreation-related operation and maintenance (O&M) spending. In other words, the indicator represents the number of dollars of visitor spending per dollar of O&M spending. The indicator considers all visitation occurring in developed recreation areas, including areas outgranted to non-Federal agencies. Spending by outgrant agencies is not included in the PI calculations.

PART II: PROCEDURES

4. An initial economic impact PI report, prepared in December 1988, demonstrated analysis procedures and computed visitor expenditures for South Atlantic Division projects. The calculation procedures developed in the SAD demonstration, and presented in Appendix A, were used to compute the economic impact PI's presented in this report.

5. The analysis presented in this report is based on camping and day-use visitor expenditure surveys conducted at five Corps projects in the Southeastern United States (Lakes Barkley, Beaver, Benbrook, and Hartwell, and the Arkansas River). The results of the surveys indicated that campers spent a rate of \$1.76 per visitor hour for nondurable goods and services associated with their visit. Day users spent at a rate of \$3.96 per visitor hour. The large difference in spending rates was the reason visitor spending was computed separately for the two groups and then summed to produce a total estimate of visitor spending for each project.

6. Visitation and budget information were obtained from the Natural Resource Management System (NRMS) and the Corps of Engineers Management Information System (COEMIS) data bases, respectively. Recreation O&M expenditures were derived from COEMIS feature accounts 06, 11, 16, and 29.

7. Visitor hours for all NRMS-identified recreation areas (regardless of managing agency) were included in the PI calculations. Dispersed recreation use not associated with NRMS areas was not considered in the analysis because this type of use is not as closely associated with O&M activities as developed area recreation use. This rule for computing visitor hours was used for all projects with the following exceptions:

- a. When the sum of area visitor hours for a project exceeded total project visitor hours, total project visitor hours were used in the calculations.
- b. When the sum of area visitor hours was zero, total project visitor hours were used in the calculations.

8. While the PI's are reported on a fiscal year basis, visitation included in the analysis is reported on a calendar year basis. The PI's were developed based on the calendar year visitation reports and fiscal year budgets.

9. For most projects, visitation and budget information is provided in sufficient detail to compute the PI on an individual project basis. However,

it was necessary to aggregate 140 NRMS projects into 25 groups to compute PI's. This was required because COEMIS accounting practices do not allow the disaggregation of O&M costs for some NRMS projects. Visitor expenditures were computed for all NRMS projects within each aggregate to produce a single visitor expenditure estimate. This was then divided by total recreation O&M cost to produce the economic impact PI for each aggregate.

10. Project visitor expenditures and O&M costs were summed by District and Division to produce District and Division performance indicators. Fifteen projects reported no recreation O&M costs in FY 87 and twelve projects recorded no O&M costs in FY 88. Economic impact PI's could not be computed for those projects. However, estimated visitor expenditures for the projects were included when calculating overall District and Division PI's.

PART III: RESULTS

11. Analysis presented in this report provides an indication of the significant economic activity that is generated by recreation opportunities provided at Corps projects. In 1987, it is estimated that over \$5.1 billion were spent by visitors to Corps projects for nondurable goods and services (e.g., food, fuel, bait, and lodging). These expenditures were made to engage in over 2.08 billion visitor hours of recreation activity in over 4,000 developed recreation areas at Corps-operated lakes and rivers.

12. Reported visitation declined in 1988 by 3.8 percent to approximately 2.01 billion visitor hours. The reduction in visitation translated into a 2.5-percent decline in estimated visitor spending to approximately \$5.03 billion. The reduction in reported visitation may have been a result of converting visitation reports to the visitor hour unit of measure instead of a real decline in recreation activities.

13. A summary of Corps Division economic impact PI's is provided for FY 87 (Table 1) and FY 88 (Table 2). Figure 1 provides a comparison of FY 87 and FY 88 Division performance indicators. In FY 87 the economic impact PI for all Corps projects combined was \$33.53. Four Divisions had a higher than average PI, and six Division PI's were less than the Corps average. The Division with the highest PI was the Ohio River Division (ORD) with an indicator of \$55.36. The lowest was the Lower Mississippi River Division with an indicator of \$13.15.

14. In FY 88, the Corps-wide PI was \$29.30, a reduction of over \$4 from the previous year. This reduction was due to an 11.6 percent increase in recreation-related O&M cost reporting Corps-wide, and a significant decrease in visitation (over 200 million visitor hours) reported in the Southwestern Division (SWD) in 1988. The ORD again produced the highest PI in FY 88 with a value of \$64.86. This is a 17-percent increase over the 1987 ORD performance indicator (\$55.36). The reason for this increase was a 23-percent increase in reported visitation over the previous year. The lowest Division PI in FY 88 was \$12.66 reported by the North Central Division. In FY 88, as with the previous year, four Divisions produced a PI greater than the average and six reported a PI less than the Corps average of \$29.30.

15. Estimated visitor expenditures and economic impact PI's for FY 87 and FY 88 are provided in Appendixes B and C, respectively, for all Corps projects included in the NRMS.

PART IV: LIMITATIONS

16. The PI's developed and presented in this report were based on the best existing information. The primary limitations of the PI's presented in this report are the lack of regional visitor spending data and limitation of visitor spending estimates to only nondurable goods and services. Spending on durable goods (e.g., boats and camping equipment) was not included in the calculations due to a lack of spending data on durable goods.

17. Potential error of applying expenditure rates from the surveyed projects in the Southeastern United States to all Corps projects is unknown due to the lack of regional data on visitor spending. Visitor spending surveys that are planned for Corps projects in regions outside the Southeast will provide regional visitor spending profiles to improve expenditure estimates for use in future PI calculations.

18. The precision of the economic impact PI is also partially dependent on the accuracy of visitation estimates. A review of NRMS visitation data used in this analysis indicated potential problems in visitation reports. In both 1987 and 1988, over 50 projects reported total project visitor hours that were less than the sum of area visitor hours. In some cases the differences were significant. While this is possible where campers use multiple areas, it is unlikely that this is a complete explanation, given the magnitude of the discrepancies.

PART V: CONCLUSIONS AND RECOMMENDATIONS

19. Visitor spending figures presented in this report are estimates of total spending made directly by the visitor, regardless of where the purchase was made. These estimates do not consider the "ripple effect" or secondary spending made by retailers to distributors and suppliers to satisfy the demand generated by Corps visitors. The spending estimates cannot be translated into estimates of income, jobs, or other measures of economic activity. Measures such as these can be obtained at the project or region level using economic input/output models.

20. It is recommended that future performance indicators adjust O&M and visitor spending to account for inflation. This will become increasingly important as indicators are tracked over time.

21. The economic impact PI presented in this report provides a general method of estimating the economic impact of the Corps' recreation program on private-sector activities. The PI's presented in this report are simply a measure of current conditions. Changes in the scope, size, and emphasis of a recreation program may change the economic impact PI for that program. Scheduling of infrequent maintenance activities, age of facilities, locational factors, extent of facility outgrants, and seasonal use patterns are all factors that may influence the Federal cost of operating a facility and therefore the PI. These factors must be taken into consideration when comparing PI's, particularly at the project level.

Table 1
Summary of FY 87 Economic Impact Performance Indicators*

<u>Division</u>	<u>Total Area Visitation**</u>	<u>Total Visitor Expenditures</u>	<u>Total O&M Expenditures†</u>	<u>Performance Indicator††</u>
Lower Mississippi River	124,950	\$312,110	\$23,734	\$13.15
Missouri River	119,015	295,632	14,255	20.74
New England	22,913	67,005	1,709	39.20
North Atlantic	23,827	74,561	2,937	25.39
North Central	41,210	113,083	6,909	16.37
North Pacific	46,867	132,075	6,103	21.64
Ohio River	351,274	936,864	16,922	55.36
South Atlantic	374,265	968,335	28,376	34.13
South Pacific	47,913	125,694	9,195	13.67
Southwestern	933,892	2,129,937	43,601	48.85
Corps Total‡	2,086,127	\$5,155,296	\$153,741	\$33.53

* Values in thousands, except performance indicators.

** Visitation was reported in visitor hours.

† O&M expenditures were derived from COEMIS feature accounts 06, 11, 16, and 29.

†† The performance indicator value is total visitor expenditures divided by total recreation-related O&M expenditures.

‡ Column totals do not sum due to rounding error.

Table 2
Summary of FY 88 Economic Impact Performance Indicators*

<u>Division</u>	<u>Total Area Visitation**</u>	<u>Total Visitor Expenditures</u>	<u>Total O&M Expenditures†</u>	<u>Performance Indicator††</u>
Lower Mississippi River	137,855	\$338,708	\$24,347	\$13.91
Missouri River	140,966	334,229	15,477	21.59
New England	24,178	68,693	2,015	34.08
North Atlantic	24,452	76,373	3,692	20.68
North Central	47,836	122,779	9,700	12.66
North Pacific	51,713	141,579	6,645	21.31
Ohio River	432,178	1,167,047	17,993	64.86
South Atlantic	382,744	996,420	29,992	33.22
South Pacific	45,461	122,767	8,815	13.93
Southwestern	721,980	1,658,415	52,890	31.36
Corps Total‡	2,009,363	\$5,027,010	\$171,567	\$29.30

* Values in thousands, except performance indicators.

** Visitation was reported in visitor hours.

† O&M expenditures were derived from COEMIS feature accounts 06, 11, 16, and 29.

†† The performance indicator value is total visitor expenditures divided by total recreation-related O&M expenditures.

‡ Column totals do not sum due to rounding error.

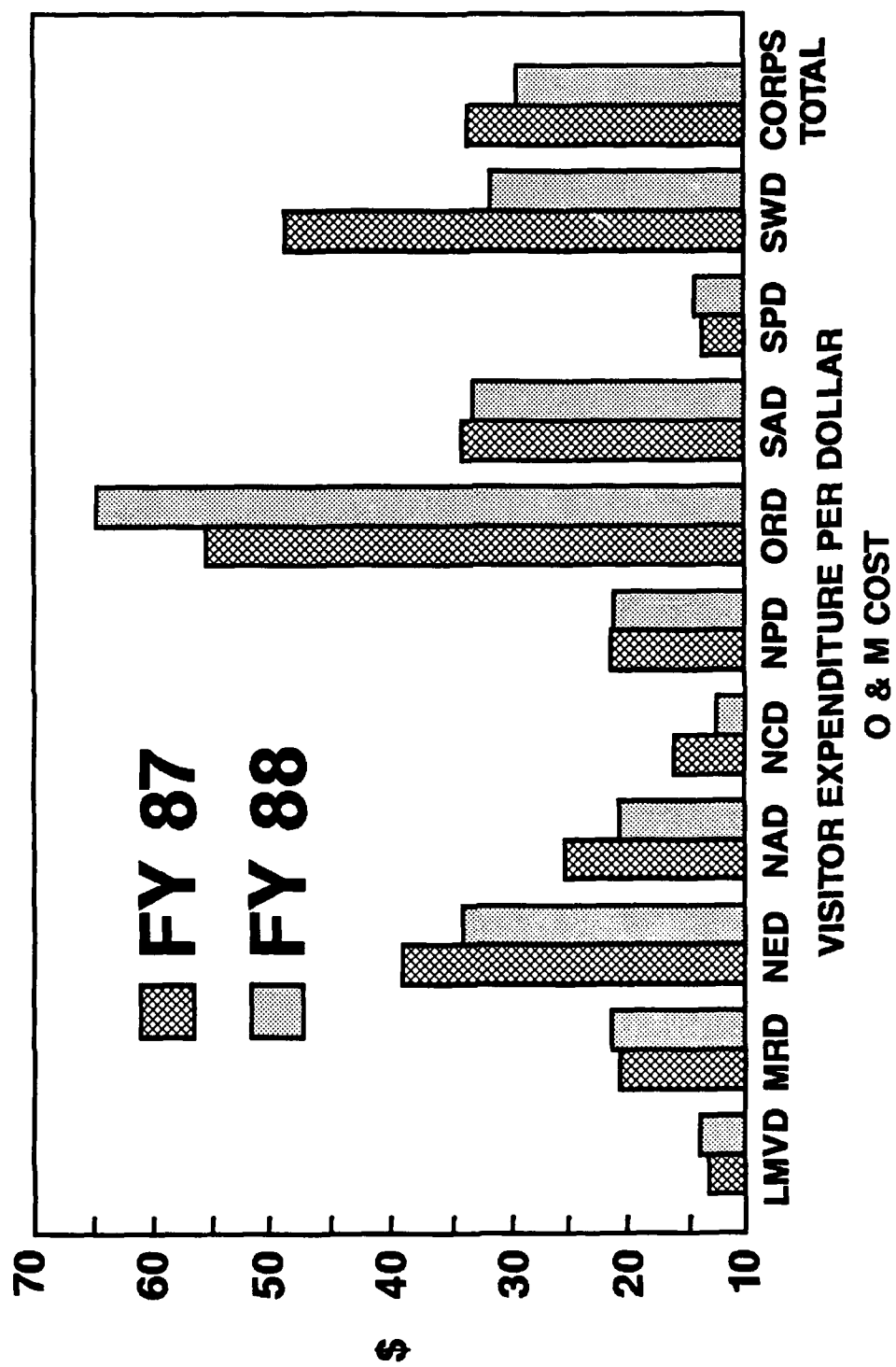


Figure 1. Comparison of Division performance indicators for FY 87 and FY 88

APPENDIX A: PERFORMANCE INDICATOR CALCULATION PROCEDURE

1. The following hypothetical example illustrates the procedure for determining visitor expenditures per recreation operation and maintenance (O&M) dollar. In this example the project received 12,000,000 visitor hours of developed area recreation use and 10 percent of all people using the project were campers. The recreation O&M budget for this project was \$585,000. The data sources used in the calculations are noted by script letters in the calculations and presented at the end of this example.

- a. Step 1. Convert percent of people camping and people engaged in day-use activities to percent visitor hours (v.h.) in camping and day use. (Calculations for this step are illustrated on per hundred person basis.)

$$\begin{array}{rcl}
 10^{(a)} \text{ people camping} \times 2.43^{(b)} \text{ nights per person} & & \\
 & \times 24 \text{ hr} & = 583 \text{ hr} \\
 90^{(a)} \text{ day users} \times 3^{(c)} \text{ hr} & & \underline{270 \text{ hr}} \\
 & & 853 \text{ total hr}
 \end{array}$$

Camping: $583 \text{ hr} / 853 \text{ hr} = 68.347\% \text{ v.h. in camping}$
Day use: $270 \text{ hr} / 853 \text{ hr} = 31.653\% \text{ v.h. in day use}$

- b. Step 2. Compute v.h. in camping and day use.

$$\begin{array}{l}
 \text{Camping: } 12,000,000^{(a)} \text{ total v.h.} \times 68.347\% \text{ camping v.h.} \\
 = 8,201,640 \text{ v.h.} \\
 \text{Day use: } 12,000,000^{(a)} \text{ total v.h.} \times 31.653\% \text{ day use v.h.} \\
 = 3,798,360 \text{ v.h.}
 \end{array}$$

- c. Step 3. Determine project visitor expenditures.

$$\begin{array}{rcl}
 8,201,640 \text{ camping v.h.} \times \$1.76^{(d)} & = & \$14,434,886 \text{ camper} \\
 & & \text{expenditures} \\
 3,798,360 \text{ day-use v.h.} \times \$3.96^{(d)} & = & \$15,041,505 \text{ day-user} \\
 & & \text{expenditures} \\
 & & \underline{\$29,476,391 \text{ total visitor}} \\
 & & \text{expenditures}
 \end{array}$$

- d. Step 4. Determine the visitor expenditures per dollar of recreation O&M budget.

$$\begin{array}{rcl}
 \underline{\$29,476,391 \text{ total visitor expenditures}} & = & \$50.39 \text{ visitor} \\
 \$585,000^{(e)} \text{ recreation O\&M expenditures} & & \text{expenditures per} \\
 & & \text{dollar of recreation} \\
 & & \text{O\&M expenditure.}
 \end{array}$$

2. The following information sources were used to perform the calculations.

- a. Natural Resource Management System, Headquarters, US Army Corps of Engineers, 20 Massachusetts Avenue, Washington, DC.

- Percent campers and day users (by project)
 - Visitation in visitor hours (by project)
- b. Lawrence, Larry R. 1987. "Summary of the 1985 Campground Receipt Study," Technical Report R-87-1, US Army Engineer Waterways Experiment Station, Vicksburg, MS.
- Average night's camping (nationwide average)
- c. US Army Engineer Waterways Experiment Station. 1987. "Analysis of a Nationwide Sample of 128 Recreation Areas Used to Derive Factors to Convert to Visitor Hour Reporting in 1986," unpublished report, Vicksburg, MS.
- Average hours per day-use trip (nationwide average)
- d. US Army Engineer Waterways Experiment Station. 1987. "Public Area Recreation Visitor Survey, 1985-1986," unpublished results, Vicksburg, MS.
- Visitor expenditure rates for campers and day users (southeastern US average)
- e. Corps of Engineers Management Information System (COEMIS), Headquarters, US Army Corps of Engineers, Washington, DC.
- Recreation O&M budget, COEMIS Feature Accounts 06, 11, 16, and 29 (by project)

APPENDIX B: FY 87 ECONOMIC IMPACT PERFORMANCE INDICATOR REPORT

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

Lower Mississippi Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
B	Lower Mississippi Division	124,949,574	312,109,581	23,734,300	13.15
B3	St. Louis District	64,341,174	159,844,565	8,531,600	18.74
B302560	CLARENCE CANNON DAM AND MARK TWAIN LAKE	9,166,289	20,974,486	1,481,900	14.15
B302700	CARLYLE LAKE	16,062,200 *	50,337,329	1,465,600	34.35
B315190	REND LAKE	13,930,800	29,746,716	1,421,500	20.93
B316691	LAKE SHELBYVILLE	15,819,890 *	35,698,215	2,124,700	16.80
B319420	WAPPAPELLO LAKE	7,557,695	17,054,241	1,755,900	9.71
*** This district has some projects that have been combined for analysis purposes.					
B399100	MISSISSIPPI RIVER - ST. LOUIS	1,804,300	6,033,579	282,000	21.40
B399101	18900 POOL 24				
B399102	18910 POOL 25				
B399103	18920 POOL 26				
B4	Vicksburg District	60,608,400	152,265,016	15,202,700	10.02
B400105	BAYOU BODCAU RESERVOIR	436,900	1,299,996	72,400	17.96
B400600	ARKABUTLA LAKE	6,208,200	17,022,015	2,303,900	7.39
B401052	POOL 1 (RED RIVER WATERWAY)	89,000	352,440	0	0.00
B401730	LAKE OUACHITA	14,405,300	31,368,405	2,174,400	14.43
B402330	CADDO LAKE	36,600	144,936	0	0.00
B404530	DEGRAY LAKE	7,733,100 *	17,695,034	1,789,200	9.89
B405590	ENID LAKE	5,492,700	12,568,506	2,220,100	5.66
B407090	GRENADA LAKE	7,010,000	19,220,439	1,886,300	10.19
B412170	LAKE GREESON	5,525,000	12,642,415	1,559,400	8.11
B413780	PEARL RIVER <3 LOCKS AND DAMS>	1,117,700	3,325,716	0	0.00
B416370	SARDIS LAKE	9,292,200 *	25,477,911	2,340,200	10.89
B419370	WALLACE LAKE	45,100	178,596	0	0.00
*** This district has some projects that have been combined for analysis purposes.					
B499100	OUACHITA BLACK RIVERS	3,216,600	10,968,606	856,800	12.80
B499101	00214 COLUMBIA POOL				
B499102	00225 JONESVILLE POOL				
B499103	27042 CALION POOL				
B499104	27043 FELSENTAL POOL				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

Missouri River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
C	Missouri River Division	119,015,020	295,631,887	14,255,300	20.74
C1	Kansas City District	57,045,731	138,560,446	8,581,800	16.15
C103480	CLINTON LAKE	6,392,500	14,627,446	415,600	35.20
C107330	HARLAN COUNTY LAKE	3,906,477	7,758,029	405,000	19.16
C107540	HILLSDALE LAKE	273,100	1,081,476	71,100	15.21
C108730	KANOPOLIS LAKE	1,720,300	4,564,300	327,900	13.92
C108840	HARRY S TRUMAN DAM AND RESERVOIR	6,630,900	18,180,999	1,747,600	10.40
C110030	LONG BRANCH LAKE	744,254	2,119,233	45,700	46.37
C110950	MELVERN LAKE	2,693,800	5,930,508	515,800	11.50
C111140	MILFORD LAKE	3,108,300	7,221,886	576,300	12.53
C113920	PERRY LAKE	4,934,000 *	11,463,754	513,400	22.33
C114270	POMME DE TERRE LAKE	8,523,300 *	20,935,782	607,400	34.47
C114280	POMONA LAKE	2,236,900	4,924,625	451,600	10.90
C114880	RATHBUN LAKE	2,027,900	5,560,218	648,000	8.58
C116980	SMITHVILLE LAKE	1,716,600	5,379,653	127,300	42.26
C117540	STOCKTON LAKE	5,052,900	11,740,009	640,100	18.34
C118660	TUTTLE CREEK LAKE	1,858,800	6,199,470	234,100	26.48
C120060	WILSON LAKE	3,015,900	5,886,554	1,254,900	4.69
C172276	LONGVIEW LAKE	2,209,800	4,986,502	0	0.00
C2	Omaha District	61,969,289	157,071,441	5,673,500	27.69
C201420	BIG BEND DAM LAKE SHARPE	1,749,484	3,735,708	514,800	7.26
C201970	BOWMAN HALEY LAKE	129,700 *	406,467	9,400	43.24
C203020	CHATFIELD LAKE	1,877,300	4,980,852	59,500	83.71
C203070	CHERRY CREEK LAKE	3,872,000	10,273,190	46,600	220.45
C204060	COTTONWOOD SPRINGS LAKE	117,700	303,400	31,400	9.66
C205780	COLD BROOK LAKE	297,960	933,777	30,900	30.22
C206230	FORT PECK PROJECT	407,981	802,956	674,000	1.19
C206270	FORT RANDALL DAM LAKE FRANCIS CASE	2,945,589	7,235,250	1,013,000	7.14
C206400	GARRISON DAM LAKE SAKAKAWA	9,470,100 *	18,159,106	947,300	19.17
C206440	GAVINS POINT PROJECT	6,182,700	15,186,566	708,600	21.43
C212960	GAHE DAM LAKE GAHE	12,863,075 *	27,466,781	1,475,100	18.62
C214120	PIPESTEM LAKE	124,500	448,073	16,500	27.16
C272285	BEAR CREEK LAKE	383,800	1,202,791	13,100	91.82

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

Missouri River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
C	Missouri River Division	119,015,020	295,631,887	14,255,300	20.74
C2	Omaha District	61,969,289	157,071,441	5,673,500	27.69
*** This district has some projects that have been combined for analysis purposes.					
C299100	PAPIO LAKES	4,930,900	17,682,207	109,100	162.07
C299101	56330 STANDING BEAR LAKE				
C299102	60020 GLENN CUNNINGHAM LAKE				
C299200	SALT CREEK LAKES	16,616,500	48,254,316	24,200	1993.98
C299201	60010 OLIVE CREEK LAKE				
C299202	60011 BLUESTEM LAKE				
C299203	60012 WAGONTRAIN LAKE				
C299204	60013 STAGECOACH LAKE				
C299205	60014 YANKEE HILL LAKE				
C299206	60015 CONESTOGA LAKE				
C299207	60016 TWIN LAKES				
C299208	60017 PAWNEE LAKE				
C299209	60018 HOLMES LAKE				
C299210	60019 BRANCHED OAK LAKE				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

New England Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
D	New England Division	22,913,500	67,005,187	1,709,300	39.20
D0	NED District	22,913,500	67,005,187	1,709,300	39.20
D000282	BLACK ROCK LAKE	327,300	1,296,108	4,100	316.12
D000406	CAPE COD CANAL	10,966,900	25,480,715	373,600	68.20
D000850	BALL MOUNTAIN LAKE	215,300 *	442,256	76,500	5.78
D000960	BARRE FALLS DAM	476,300	1,886,148	23,400	80.60
D001560	BIRCH HILL DAM	1,570,700	3,205,704	19,400	165.24
D001720	BLACKWATER DAM	60,400 *	239,124	15,000	15.95
D002180	BUFFUMVILLE LAKE	58,100 *	230,076	9,900	23.24
D003650	COLEBROOK RIVER LAKE	265,300 *	1,050,588	13,400	78.40
D003730	CONANT BROOK DAM	42,400 *	167,904	9,900	16.96
D005120	EAST BRIMFIELD LAKE	952,200	3,770,712	9,000	418.97
D005310	EDWARD MACDOWELL LAKE	87,900	348,084	100,300	3.47
D006150	FRANKLIN FALLS DAM	9,800	38,808	22,400	1.73
D007280	HANCOCK BROOK LAKE	69,100	273,636	5,200	52.62
D007580	HODGES VILLAGE DAM	124,800	494,208	17,900	27.61
D007680	HOP BROOK LAKE	1,654,800 *	5,955,592	160,400	37.13
D007700	HOPKINTON-EVERETT LAKES	1,314,400	5,205,024	93,400	55.73
D009080	KNIGHTVILLE DAM	218,300 *	621,601	50,500	12.31
D010000	LITTLEVILLE LAKE	180,000	712,800	42,600	16.73
D010560	MANSFIELD HOLLOW LAKE	793,500 *	3,142,260	3,000	1047.42
D012850	NORTH HARTLAND LAKE	340,500 *	704,229	50,700	13.89
D012870	NORTH SPRINGFIELD LAKE	156,600	620,136	53,300	11.63
D012900	NORTHFIELD BROOK LAKE	585,200	2,317,392	68,500	33.83
D013450	OTTER BROOK LAKE	332,900	1,318,284	71,300	18.49
D017780	SURRY MOUNTAIN LAKE	319,100	1,263,636	81,500	15.50
D018160	THOMASTON DAM	381,500	1,373,011	23,700	57.93
D018400	TOWNSHEND LAKE	275,500	1,090,980	67,400	16.19
D018610	TULLY LAKE	302,700	674,331	14,300	47.16
D018830	UNION VILLAGE DAM	139,500 *	552,420	47,300	11.68
D019690	WEST HILL DAM	268,100	1,061,676	49,200	21.58
D019760	WEST THOMPSON LAKE	191,400 *	545,004	63,600	8.57
D019780	WESTVILLE LAKE	228,000	902,880	63,700	14.17
D075257	CHARLES RIVER NATURAL VALLEY STORAGE PROJECT	5,000	19,800	4,900	4.04

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

North Atlantic Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
E	North Atlantic Division	23,827,227	74,560,808	2,936,800	25.39
E1	Baltimore District	12,299,500	30,731,899	2,265,200	13.57
E100240	ALMOND LAKE	361,400	795,637	8,700	91.45
E100800	AYLESWORTH CREEK LAKE	27,300	108,108	7,600	14.22
E101770	JENNINGS RANDOLPH LAKE	112,100	319,200	202,900	1.57
E104150	COWANESQUE LAKE	410,600	1,369,433	299,200	4.58
E104370	CURWENSVILLE LAKE	70,900	280,764	24,500	11.46
E105230	EAST SIDNEY LAKE	332,100	666,252	8,800	75.71
E114900	RAYSTOWN LAKE	7,347,900	16,580,830	1,320,600	12.56
E117050	FOSTER JOSEPH SAYERS DAM	1,482,200	5,334,408	13,400	398.09
E119900	WHITNEY POINT	365,700	880,086	11,600	75.87
E127023	ALVIN R BUSH - KETTLE CREEK	857,200	2,154,006	7,000	307.72
E140102	TIOGA-HAMMOND LAKES	932,100 *	2,243,173	360,900	6.22
E4	Norfolk District	1,826,600	5,744,621	16,900	339.92
E406430	GATHRIGHT DAM-LAKE MOOMAW	24,500	97,020	15,000	6.47
E480301	AIWW ALBEMARLE AND CHESAPEAKE CANAL	1,802,100	5,647,601	1,900	2972.42
E5	Philadelphia District	9,701,127	38,084,288	654,700	58.17
E501340	BELTZVILLE LAKE	2,699,692	10,690,780	14,500	737.30
E501780	BLUE MARSH LAKE	5,435,486	21,524,525	571,000	37.70
E508200	IWW DELAWARE R TO CHESAPEAKE BAY C + D CANAL	920,100	3,311,421	54,700	60.54
E573502	PROMPTON LAKE	271,799	1,076,324	8,900	120.94
E573825	FRANCIS E WALTER DAM	374,050	1,481,238	5,600	264.51

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
 FY 87 - Economic Impact
 Performance Indicators Report
 - for -

North Central Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
F	North Central Division	41,210,297	113,082,892	6,909,500	16.37
F3	Detroit District	2,978,800	11,746,095	273,200	42.99
F305040	DULUTH SHIP CANAL AND HARBOR PARK	1,162,900	4,605,084	0	0.00
F308960	LOWER KEWEENAW ENTRY WATERWAY	44,900 *	127,851	300	426.17
F317660	STURCEON BAY AND LAKE MICHIGAN SHIP CANAL	41,600	164,736	100	1647.36
F374224	ST MARYS RIVER	1,729,400	6,848,424	272,800	25.10
F4	Rock Island District	29,695,497	78,755,661	4,922,200	16.00
F403910	CORALVILLE LAKE	5,773,303	17,178,463	793,300	21.65
F415070	LAKE RED ROCK	2,771,200	7,890,881	900,800	8.76
F416510	SAYLORVILLE LAKE	8,632,594 *	27,053,686	1,262,500	21.43
*** This district has some projects that have been combined for analysis purposes.					
F499100	ILLINOIS WATERWAY	172,700	558,512	206,800	2.70
F499101	08010 ILLINOIS WATERWAY				
F499102	52690 FARMDALE DAM				
F499200	MISSISSIPPI RIVER - ROCK ISLAND	12,345,700	26,074,118	1,758,800	14.82
F499201	18940 POOL 13				
F499202	18950 POOL 14				
F499203	18960 POOL 16				
F499204	18970 POOL 17				
F499205	18990 POOL 20				
F499206	19000 POOL 21				
F499207	19010 POOL 22				
F499208	19020 POOL 11				
F499209	47041 POOL 19				
F499210	73910 POOL 12				
F499211	73912 POOL 15				
F499212	73913 POOL 18				
F5	St. Paul District	8,536,000	22,581,137	1,714,100	13.17
F505270	EAU GALLE FLOOD CONTROL PROJECT	236,400	609,378	146,900	4.15
F507640	HOMME LAKE	113,200	448,272	4,000	112.07
F509220	LAC QUI PARLE LAKE	298,200	817,623	12,000	68.14

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

North Central Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
F	North Central Division	41,210,297	113,082,892	6,909,500	16.37
F5	St. Paul District	8,536,000	22,581,137	1,714,100	13.17
F509300	BALDHILL DAM LAKE ASHTABULA	1,115,000 *	2,516,042	182,200	13.81
F509390	LAKE TRAVERSE	188,600	537,031	12,500	42.96
*** This district has some projects that have been combined for analysis purposes.					
F599100	MISSISSIPPI HEADWATER LAKES	3,522,700	9,299,928	739,700	12.57
F599101	07160 GULL LAKE				
F599102	09620 LEECH LAKE				
F599103	14080 PINE RIVER LAKE				
F599104	14250 POKEGAMA LAKE				
F599105	16270 SANDY LAKE				
F599106	20080 LAKE WINNIBIGOSHISH				
F599200	MISSISSIPPI RIVER - ST. PAUL	3,061,900	8,352,863	616,800	13.54
F599201	11450 MISSISSIPPI RIVER POOL NO 3				
F599202	11460 MISSISSIPPI RIVER POOL NO 4				
F599203	11470 MISSISSIPPI RIVER POOL NO 5				
F599204	11480 MISSISSIPPI RIVER POOL NO 6				
F599205	11500 MISSISSIPPI RIVER POOL NO 8				
F599206	11510 MISSISSIPPI RIVER POOL NO 9				
F599207	11520 MISSISSIPPI RIVER POOL NO 10				
F599208	11530 MISSISSIPPI RIVER POOL NO 5A				
F599209	73914 POOL NO. 1				
F599210	73915 POOL NO. 2				
F599211	73916 POOL NO. 7				
F599212	74280 ST. ANTHONY FALLS				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

North Pacific Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
G	North Pacific Division	46,867,494	132,074,605	6,102,900	21.64
G1	Alaska District	1,000	2,847	32,100	0.09
G172738	CHENA RIVER LAKES	1,000	2,847	32,100	0.09
G2	Portland District	26,341,634	65,340,607	1,941,400	33.66
G201810	BLUE RIVER LAKE	134,800 *	485,143	3,900	124.40
G204020	COTTAGE GROVE LAKE	1,650,154	3,632,880	175,900	20.65
G204080	COUGAR LAKE	84,033	302,433	7,000	43.20
G204400	THE DALLIES LOCK AND DAM LAKE CELILO	3,162,555	6,639,658	159,000	41.76
G204690	DETROIT LAKE	51,300 *	203,148	3,900	52.09
G204910	DORENA LAKE	1,763,548	3,732,761	94,800	39.38
G205830	FERN RIDGE LAKE	1,757,280	5,507,140	108,700	50.66
G207530	HILLS CREEK	11,308	32,199	2,800	11.50
G207770	FALL CREEK LAKE	1,381,200 *	3,040,767	16,400	185.41
G208480	JOHN DAY LOCK AND DAM LAKE UMATILLA	8,142,813	17,926,729	411,000	43.62
G210090	LOST CREEK LAKE	3,152,900	7,744,468	91,300	84.82
G272731	WILLOW CREEK	92,657	290,378	16,500	17.60
G273459	BONNEVILLE LOCK AND DAM LAKE	1,834,280	4,866,712	744,900	6.53
*** This district has some projects that have been combined for analysis purposes.					
G299100	GREEN PETER/FOSTER LAKE	2,392,408	9,473,936	66,100	143.33
G299101	06940 GREEN PETER LAKE				
G299102	68002 FOSTER LAKE				
G299200	LOOKOUT POINT/DEXTER LAKE	730,398	1,462,257	39,200	37.30
G299201	73101 LOOKOUT POINT LAKE				
G299202	79008 DEXTER LAKE				
G3	Seattle District	5,189,100	17,281,558	1,174,000	14.72
G300200	ALBENI FALLS DAM AND LAKE PEND OREILLE	1,512,100	3,412,114	643,700	5.30
G309400	LAKE WASHINGTON SHIP CANAL	2,119,300 *	8,392,428	217,000	38.67
G309750	LIBBY DAM AND LAKE KOOCAMUSA	217,400	490,572	101,600	4.83
G311990	MUD MOUNTAIN DAM PROJECT WHITE RIVER	155,500	615,780	105,200	5.85
G320280	WYNOOCHEE LAKE	158,100	626,076	16,900	37.05
G372920	LAKE CROCKETT/KEYSTONE HARBOR/FT CASEY	700,500	2,773,980	0	0.00

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

North Pacific Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
G	North Pacific Division	46,867,494	132,074,605	6,102,900	21.64
G3	Seattle District	5,189,100	17,281,558	1,174,000	14.72
G373462	CHIEF JOSEPH DAM AND LAKE RUFUS WOODS	326,200	970,608	89,600	10.83
G4	Walla Walla District	15,335,760	49,449,593	2,955,400	16.73
G400608	ICE HARBOR LOCK & DAM, LAKE SACAJAWEA	1,925,000	4,962,149	513,500	9.66
G405090	DWORSHAK DAM & RESERVOIR	1,087,400 *	2,569,069	592,000	4.34
G409880	LITTLE GOOSE LOCK & DAM, LAKE BRYAN	1,129,300 *	2,996,259	105,800	28.32
G410180	LOWER GRANITE LOCK & DAM	2,202,760	6,903,230	276,300	24.98
G410210	LOWER MONUMENTAL LOCK & DAM, LAKE WEST	503,800	1,381,349	104,200	13.26
G410260	LUCKY PEAK LAKE	1,488,400 *	5,356,722	143,900	37.23
G410920	MCHARY LOCK & DAM, LAKE WALLULA	6,746,500 *	24,280,519	1,076,000	22.57
G455120	MILL CREEK LAKE	252,600 *	1,000,296	143,700	6.96

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

Ohio River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
H	Ohio River Division	351,273,905	936,864,301	16,921,600	55.36
H1	Huntington District	70,528,068	209,670,851	4,833,500	43.38
H100280	ALUM CREEK LAKE	13,867,500 *	41,262,746	166,000	248.57
H101280	BEECH FORK LAKE	1,761,500	3,974,895	240,200	16.55
H101830	BLUESTONE LAKE	3,989,100 *	13,304,446	112,400	118.37
H102270	BURNSVILLE LAKE	1,753,600 *	4,520,325	388,600	11.63
H104520	DEER CREEK LAKE	4,173,400 *	10,757,940	52,100	206.49
H104580	DELAWARE LAKE	2,213,400	7,382,132	50,100	147.35
H104740	DEWEY LAKE	5,168,428	18,601,069	317,600	58.57
H104810	DILLON LAKE	3,515,800 *	9,639,831	32,200	299.37
H105190	EAST LYNN LAKE	1,541,500	4,830,907	448,200	10.78
H105900	FISHTRAP LAKE	1,830,000	6,103,416	285,100	21.41
H106790	GRAYSON LAKE	942,300	3,142,759	201,000	15.64
H108550	JOHN W FLANNAGAN DAM AND RESERVOIR	762,000	2,267,331	341,400	6.64
H112690	NORTH BRANCH KOKOSING RIVER LAKE	365,700	774,048	26,300	29.43
H112710	NORTH FORK OF POUND RIVER LAKE	236,800	937,728	24,500	38.27
H113550	PAINT CREEK LAKE	2,940,200 *	8,748,565	93,300	93.77
H113570	PAINTSVILLE LAKE	1,785,700	7,071,372	101,200	69.88
H114780	R D BAILEY LAKE	1,192,100 *	3,975,892	283,800	14.01
H117740	SUMMERSVILLE LAKE	3,071,200	7,255,956	425,500	17.05
H117840	SUTTON LAKE	2,209,900 *	6,292,602	421,900	14.91
H118300	TOM JENKINS DAM AND BURR OAK LAKE	5,417,200	16,976,963	18,600	912.74

*** This district has some projects that have been combined for analysis purposes.

H199100	KANAWA RIVER	251,300	995,148	52,900	18.81
H199101	00784 WINFIELD				
H199102	00785 MARMET LOCKS AND DAM				
H199103	00786 LONDON LOCKS AND DAM				
H199200	MUSKINGAM RIVER LAKES	8,172,640	23,373,750	267,100	87.51
H199201	20010 WILLS CREEK LAKE				
H199202	22190 MOHAWK DAM				
H199203	71138 ATWOOD LAKE				
H199204	71140 BOLIVAR DAM				
H199205	71141 CHARLES MILL LAKE				
H199206	71142 CLENDENING LAKE				
H199207	71143 DOVER DAM				
H199208	71146 MOHICANVILLE DAM				
H199209	71147 PIEDMONT LAKE				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

Ohio River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
H	Ohio River Division	351,273,905	936,864,301	16,921,600	55.36
H1	Huntington District	70,528,068	209,670,851	4,833,500	43.38
H199210	71148 PLEASANT HILL LAKE				
H199211	71149 SENECAVILLE LAKE				
H199212	71150 TAPPAN LAKE				
H199213	75046 BEACH CITY LAKE				
H199214	75047 LEESVILLE LAKE				
H199300	OHIO RIVER - HUNTINGTON	3,366,800	7,481,030	483,500	15.47
H199301	01300 BELLEVILLE LOCKS AND DAM				
H199302	02680 CAPT ANTHONY MELDAHL LOCK AND DAM				
H199303	06310 GALLIPOLIS LOCKS AND DAM				
H199304	07020 GREENUP LOCKS AND DAM				
H199305	14810 RACINE LOCK AND DAM				
H199306	20000 WILLOW ISLAND LOCK AND DAM				
H2	Louisville District	73,527,000	190,085,802	3,332,200	57.05
H200970	BARREN RIVER LAKE	2,610,200	6,411,434	549,100	11.68
H202060	BROOKVILLE LAKE	3,725,800	10,609,066	35,600	298.01
H202130	BUCKHORN LAKE	919,100	3,065,382	156,600	19.57
H202350	CAESAR CREEK LAKE	3,345,400	8,623,571	273,500	31.53
H202360	CAGLES MILL LAKE	2,066,800	4,550,143	9,500	478.96
H202720	CARR FORK LAKE	2,182,800	7,280,075	333,500	21.83
H202780	CAVE RUN LAKE	1,666,500	6,599,340	63,200	104.42
H203310	CLARENCE J BROWN DAM AND RESERVOIR	2,901,500	11,489,940	100,100	114.78
H205180	WILLIAM H MARSHA LAKE <EAST FORK>	4,357,300	10,702,836	43,000	248.90
H206960	GREEN RIVER LAKE	4,314,400	9,872,296	308,900	31.96
H207910	HUNTINGTON LAKE	1,637,800	4,873,274	16,200	300.82
H208920	KENTUCKY RIVER <14 LOCKS>	86,900	344,124	12,300	27.98
H210570	CECIL M HARDEN LAKE	3,985,100	8,677,794	17,200	504.52
H211570	MISSISSINIEWA LAKE	4,133,700	9,604,321	15,400	623.66
H211770	MONROE LAKE	6,249,800	15,351,384	30,600	501.68
H212760	NOLIN RIVER LAKE	6,598,500	15,589,484	591,400	26.36
H213730	PATOKA LAKE	4,511,400	10,323,076	36,200	285.17
H215610	ROUGH RIVER LAKE	9,076,800	19,056,379	525,200	36.28
H215930	SALAMONIE LAKE	3,608,200	8,038,059	27,600	291.23
H218010	TAYLORSVILLE LAKE	1,466,900 *	5,808,924	0	0.00
H219200	WEST FORK MILL CREEK LAKE	2,209,800	6,292,317	9,500	662.35

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

Ohio River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
H	Ohio River Division	351,273,905	936,864,301	16,921,600	55.36
H2	Louisville District	73,527,000	190,085,802	3,332,200	57.05
H253400	GREENRIVER +3 LOCKS=	9,700	38,412	0	0.00
*** This district has some projects that have been combined for analysis purposes.					
H299100	OHIO RIVER - LOUISVILLE	1,862,600	6,884,170	177,600	38.76
H299101	02550 CANNELTON LOCK AND DAM				
H299102	10590 MARKLAND LOCK AND DAM				
H299103	10880 MACALPINE LOCK AND DAM				
H299104	12560 NEWBURGH LOCK AND DAM				
H299105	16950 SMITHLAND LOCK AND DAM				
H299106	18840 UNIONTOWN LOCK AND DAM				
H3	Nashville District	149,938,497	382,659,492	5,498,300	69.60
H300940	BARKLEY LOCK AND DAM LAKE BARKLEY	15,415,720	42,267,746	899,400	47.00
H302840	CENTER HILL LAKE	21,988,900	51,089,450	671,600	76.07
H303040	CHEATHAM LOCK AND DAM	5,279,200	16,544,485	349,100	47.39
H303940	CORDELL HULL DAM AND RESERVOIR	10,502,100	27,071,683	781,600	34.64
H304390	DALE HOLLOW LAKE	24,087,077	48,073,952	56,500	850.87
H308370	J PERCY PRIEST DAM AND RESERVOIR	16,751,100	52,496,272	655,000	80.15
H309550	LAUREL RIVER LAKE	167,600	663,696	0	0.00
H310740	MARTINS FORK LAKE	784,300 *	3,105,828	13,700	226.70
H313280	OLD HICKORY LOCK AND DAM	22,669,200	67,452,205	609,500	110.67
H320140	WOLF CREEK DAM LAKE CUMBERLAND	32,293,300	73,894,175	1,461,900	50.55
H4	Pittsburgh District	57,280,340	154,448,156	3,257,600	47.41
H401400	BERLIN LAKE	7,225,000	19,169,370	384,500	49.86
H403750	CONEMAUGH RIVER LAKE	532,300	2,107,908	23,200	90.86
H404280	CROOKED CREEK LAKE	1,526,100	5,492,403	631,900	8.69
H405150	EAST BRANCH CLARION RIVER LAKE	881,900	2,511,175	57,300	43.83
H409050	KINZUA DAM AND ALLEGHENY RESERVOIR	1,451,300	4,840,376	123,200	39.29
H410250	LOYALHANNA LAKE	1,075,100	3,369,256	133,100	25.31
H410400	MAHONING CREEK LAKE	225,000	705,127	61,200	11.52
H411870	MOSQUITO CREEK LAKE	3,581,600	12,890,107	127,200	101.34

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

Ohio River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
H	Ohio River Division	351,273,905	936,864,301	16,921,600	55.36
H4	Pittsburgh District	57,280,340	154,448,156	3,257,600	47.41
H416700	SHENANGO RIVER LAKE	17,284,600	40,159,385	606,700	66.19
H418260	TIONESTA LAKE	4,384,340	12,021,246	210,700	57.05
H418730	TYGART LAKE	4,287,700	12,209,054	45,600	267.74
H418790	UNION CITY DAM	81,600	293,677	15,300	19.19
H419660	MICHAEL J KIRWAN DAM AND RESERVOIR	3,261,000	10,219,648	8,100	1261.68
H420190	WOODCOCK CREEK LAKE	1,455,100	4,853,050	96,200	50.45
H420380	YOUGHIOGHENY RIVER LAKE	9,453,300 *	21,331,750	671,800	31.75

*** This district has some projects that have been combined for analysis purposes.

H499100	OHIO RIVER - PITTSBURGH	132,500	524,700	49,200	10.66
H499101	07290 HANNIBAL LOCKS AND DAM				
H499102	13150 NEW CUMBERLAND LOCKS AND DAM				
H499103	14010 PIKE ISLAND LOCKS AND DAM				
H499104	71456 MONTGOMERY LOCKS AND DAM				
H499105	71457 DASHIELDS LOCKS AND DAM				
H499106	71458 EMSWORTH LOCKS AND DAMS				
H499200	MONONGAHELA RIVER	320,900	1,270,764	2,900	438.19
H499201	10840 MAXWELL LOCKS AND DAM				
H499202	13360 OPEKISKA LOCKS AND DAM				
H499203	71489 LOCK AND DAM 2				
H499204	71491 LOCKS AND DAM 3				
H499205	71492 LOCKS AND DAM 4				
H499206	71497 LOCK AND DAM 7				
H499207	71499 POINT MARION LOCK AND DAM				
H499208	71502 MORGANTOWN LOCK AND DAM				
H499209	71504 HILDEBRAND LOCK AND DAM				
H499300	ALLEGHENY RIVER	121,000	479,160	9,500	50.44
H499301	71474 LOCK AND DAM 2				
H499302	71477 LOCK AND DAM 3				
H499303	71478 LOCK AND DAM 4				
H499304	71479 LOCK AND DAM 5				
H499305	71480 LOCK AND DAM 6				
H499306	71481 LOCK AND DAM 7				
H499307	71482 LOCK AND DAM 8				
H499308	71483 LOCK AND DAM 9				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

South Atlantic Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
K	South Atlantic Division	374,264,526	968,334,948	28,375,900	34.13
K3	Jacksonville District	39,384,900	106,597,259	798,100	133.56
K304300	CROSS FLA BARGE CANAL	3,525,900 *	9,667,524	347,700	27.80
K306090	FOUR RIVER BASINS	2,723,400 *	10,784,664	0	0.00
K313240	LAKE OKEECHOBEE AND WATERWAY	32,607,400 *	84,053,399	446,900	188.08
K374434	FERNANDINA HARBOR	402,200	1,592,712	3,500	455.06
K374503	MIAMI HARBOR	126,000	498,960	0	0.00
K5	Mobile District	184,455,882	487,649,781	18,277,600	26.68
K500220	ALLATOONA LAKE	51,114,800	128,443,314	2,330,100	55.12
K502200	LAKE SIDNEY LANIER	37,979,700	108,145,677	4,378,000	24.70
K502730	CARTERS DAM AND LAKE	3,271,900	10,253,807	691,400	14.83
K508450	JIM WOODRUFF, LAKE SEMINOLE	8,086,254	24,060,649	881,900	27.28
K513220	OKATIBBEE LAKE	4,471,100 *	9,547,229	449,100	21.26
K519710	WEST POINT LAKE	22,955,544	59,173,424	2,750,500	21.51
K568001	BLACK WARRIOR AND TOMBIGBEE LAKES 6	10,317,752	25,343,494	1,869,800	13.55
*** This district has some projects that have been combined for analysis purposes.					
K599100	TENNESSEE TOMBIGBEE WATERWAY	11,545,500	36,576,144	2,678,100	13.66
K599101	01038 GAINESVILLE				
K599102	01039 ALICEVILLE				
K599103	01040 COLUMBUS				
K599104	01041 ABERDEEN				
K599105	01042 CANAL SECTION				
K599106	01091 BAY SPRINGS				
K599200	MILLERS FERRY/CLAIBORNE/BOB HENRY	17,035,882	37,104,151	467,700	79.33
K599201	08590 WOODRUFF LAKE				
K599202	11220 BILL DANNELLY RES				
K599203	03390 CLAIBORNE LOCK AND DAM				
K599300	GEORGE ANDREWS/WALTER F. GEORGE	17,677,450	49,001,891	1,781,000	27.51
K599301	19190 WALTER F. GEORGE				
K599302	51270 GEORGE ANDREWS				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
 FY 87 - Economic Impact
 Performance Indicators Report
 - for -

South Atlantic Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
K	South Atlantic Division	374,264,526	968,334,948	28,375,900	34.13
K6	Savannah District	98,641,234	233,357,520	7,103,500	32.85
K603350	J. STROM THURMOND LAKE	42,586,000	87,477,606	3,734,200	23.43
K607380	HARTWELL LAKE	52,584,934	132,137,526	3,009,400	43.91
K618530	RICHARD B RUSSELL DAM AND LAKE	2,093,500	8,290,260	224,900	36.86
K674343	NEW SAVANNAH BLUFF LOCK AND DAM	1,376,800	5,452,128	135,000	40.39
K7	Wilmington District	51,782,510	140,730,389	2,196,700	64.06
K705800	FALLS LAKE	5,937,900	23,514,084	69,700	337.36
K708350	JOHN H KERR DAM AND RESERVOIR	32,349,210	77,850,962	1,108,900	70.21
K712410	B EVERETT JORDAN LAKE AND DAM	3,835,100	12,790,826	105,800	120.90
K713990	PHILPOTT LAKE	2,625,100	7,474,867	407,100	18.36
K719220	W KERR SCOTT DAM AND RESERVOIR	6,703,200	17,784,930	441,100	40.32
K774346	CAPE FEAR RIVER <3 LOCKS AND DAMS>	332,000	1,314,720	64,100	20.51

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

South Pacific Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
L	South Pacific Division	47,913,141	125,693,994	9,195,100	13.67
L1	Los Angeles District	18,622,300	59,482,602	465,000	127.92
L100190	ALAMO LAKE	1,647,300	2,917,731	2,300	1268.58
L111700	MOJAVE RIVER DAM	79,600	140,184	6,800	20.62
L113560	PAINTED ROCK DAM	59,900	106,017	3,900	27.18
L175313	SALINAS DAM SANTA MARGARITA LAKE	147,700	584,892	0	0.00
*** This district has some projects that have been combined for analysis purposes.					
L199100	LOS ANGELES COUNTY DRAINAGE AREA	12,714,000	44,193,864	143,600	307.76
L199101	00761 SANTA FE DAM RECREATION AREA				
L199102	74743 WHITTIER NARROWS DAM LEGG LAKE				
L199103	75232 SEPULVEDA DAM				
L199104	75234 HANSEN DAM				
L199200	SANTA ANA RIVER PROJECTS	3,973,800	11,539,915	308,400	37.42
L199201	74726 BREA DAM				
L199202	74727 CARBON CANYON DAM				
L199203	74729 FULLERTON DAM				
L199204	74732 PRADO DAM				
L2	Sacramento District	29,176,141	65,757,180	8,730,100	7.53
L201600	BLACK BUTTE LAKE	886,900	2,029,422	486,800	4.17
L204990	LAKE SONOMA WARM SPRINGS DAM	861,744	2,165,425	524,400	4.13
L205580	HARRY L ENGLEBRIGHT LAKE	862,500 *	1,859,360	234,800	7.92
L208240	ISABELLA LAKE	8,416,000 *	16,974,735	3,015,700	5.63
L210750	MARTIS CREEK LAKE	308,000	727,675	102,100	7.13
L212390	NEW HOGAN LAKE	2,532,497	5,168,674	1,019,900	5.07
L212460	STANISLAUS RIVER PARKS	503,100 *	1,992,276	245,500	8.12
L214040	PINE FLAT LAKE	3,480,000	7,852,759	339,000	23.16
L217680	SUCCESS LAKE	2,972,000	7,661,043	597,200	12.83
L218090	LAKE KAMEAH	1,875,700	4,976,607	398,100	12.50
L268004	EASTMAN LAKE	814,700 *	1,724,410	404,200	4.27
L268006	HENSLEY LAKE	768,000	1,848,253	262,500	7.04
L274645	LAKE MENDOCINO	4,895,000 *	10,776,538	1,099,900	9.80

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

South Pacific Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
L	South Pacific Division	47,913,141	125,693,994	9,195,100	13.67
L3	San Francisco District	114,700	454,212	0	0.00
L301092	S F BAY MODEL REGIONAL VISITOR CENTER	114,700	454,212	0	0.00

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

Southwestern Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
M	Southwestern Division	933,892,348	2,129,937,357	43,600,700	48.85
M1	Albuquerque District	36,543,900	77,562,724	1,279,500	60.62
	M100070 ABIQUIU DAM	1,891,900	3,886,227	241,600	16.09
	M103520 COCHITI LAKE	2,428,600	5,965,370	285,600	20.89
	M103740 CONCHAS LAKE	6,745,100 *	12,933,864	105,500	122.60
	M106290 GALISTEO DAM	16,800	66,528	25,900	2.57
	M108440 JEMEZ CANYON DAM	142,700	565,092	23,200	24.36
	M108510 JOHN MARTIN DAM	21,344,500	45,577,338	365,100	124.84
	M110080 SANTA ROSA DAM AND LAKE	2,673,200	5,612,276	98,300	57.09
	M118480 TRINIDAD LAKE	1,259,800	2,842,789	90,700	31.34
	M118720 TWO RIVERS DAM AND RESERVOIR	41,300	113,239	43,600	2.60
M2	Ft. Worth District	208,462,675	482,673,471	13,808,000	34.96
	M200930 BARDWELL LAKE	2,458,700	7,001,050	369,900	18.93
	M201330 BELTON LAKE	9,191,000	24,385,561	870,300	28.02
	M201350 BENBROOK LAKE	12,574,500	32,413,792	631,200	51.35
	M202590 CANYON LAKE	10,936,500	24,363,460	551,900	44.14
	M205850 FERRELLS BRIDGE DAM LAKE O THE PINES	10,504,100	27,869,478	852,100	32.71
	M206760 GRAPEVINE LAKE	18,603,200	46,746,865	1,039,700	44.96
	M207710 HORDS CREEK LAKE	2,085,000	4,452,142	296,900	15.00
	M209580 LAVON LAKE	11,080,700	31,551,850	1,269,700	24.85
	M209740 LEWISVILLE LAKE	18,081,600	36,087,981	964,400	37.42
	M212260 NAVARRO MILLS LAKE	5,978,500	13,318,424	523,900	25.42
	M214580 PROCTOR LAKE	6,398,300	13,542,770	476,800	28.40
	M216040 SAM RAYBURN RESERVOIR	33,250,900	67,453,441	881,800	76.50
	M216090 O C FISHER LAKE	2,725,800	7,473,762	236,400	31.61
	M217110 SOMERVILLE LAKE	8,875,600	17,806,051	711,200	25.04
	M217530 STILLHOUSE HOLLOW RESERVOIR	4,874,400	10,999,279	507,100	21.69
	M218110 WRIGHT PATMAN DAM AND LAKE	10,990,600	21,074,695	922,800	22.84
	M219250 WACO LAKE	12,565,300	39,378,394	799,900	49.23
	M219920 WHITNEY LAKE	19,865,175	40,067,263	789,700	50.74
	M274786 AGUILLA DAM LAKE	235,300	931,788	122,800	7.59
	M274871 TOWN BLUFF DAM BA STEINHAGEN LAKE	3,939,700	8,673,407	289,300	29.98
	M275357 GRANGER LAKE	895,100	2,249,243	295,400	7.61
	M275358 LAKE GEORGETOWN	2,352,700	4,832,775	404,800	11.94

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

Southwestern Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
M	Southwestern Division	933,892,348	2,129,937,357	43,600,700	48.85
M3	Galveston District	7,512,200	29,748,312	113,400	262.33

*** This district has some projects that have been combined for analysis purposes.

M399100	ADDICKS/BARKER	7,512,200	29,748,312	113,400	262.33
M399101	02160 ADDICKS DAM				
M399102	75376 BARKER DAM				

M4	Little Rock District	121,183,876	288,298,700	10,996,000	26.22
M401230	BEAVER LAKE	5,736,594	13,805,572	1,218,800	11.33
M404770	DIERKS LAKE	1,168,165	2,239,980	259,600	8.63
M406550	GILLHAM LAKE	1,037,600	2,215,608	273,500	8.10
M407070	GREERS FERRY LAKE	353,300 *	642,794	1,900,400	0.34
M411240	MILLWOOD LAKE	22,807,422	43,342,312	610,700	70.97
M412620	NIMROD LAKE	2,901,900	7,127,937	232,500	30.66
M412830	NORFORK LAKE	15,496,500	38,064,053	1,053,800	36.12
M413520	OZARK / TAYLER LAKE	3,079,895	10,272,066	321,500	31.95
M418030	TABLE ROCK LAKE	33,554,800	73,872,234	1,807,100	40.88
M474912	BULL SHOALS LAKE	20,197,700	57,512,143	1,256,300	45.78

*** This district has some projects that have been combined for analysis purposes.

M499100	ARKANSAS RIVER - LITTLE ROCK	14,850,000	39,204,000	2,061,800	19.01
M499101	00741 NORRELL				
M499102	00742 WILBER MILLS				
M499103	00743 POOL 3				
M499104	00744 POOL 4				
M499105	00745 POOL 5				
M499106	00746 DAVID D TERRY				
M499107	00747 MURRAY				
M499108	00748 TOAD SUCK FERRY				
M499109	00749 ROCKEFELLER LAKE				
M499110	00753 POOL 13				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 87 - Economic Impact
Performance Indicators Report
- for -

Southwestern Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
M	Southwestern Division	933,892,348	2,129,937,357	43,600,700	48.85
M5	Tulsa District	560,189,697	1,251,654,150	17,403,800	71.92
M500534	WISTER LAKE	10,522,500	21,346,154	58,700	363.65
M501450	PEARSON-SKUBITZ BIG HILL LAKE	2,058,284	3,755,257	323,400	11.61
M501540	BIRCH LAKE	1,404,800	2,926,451	253,300	11.55
M502040	BROKEN BOW LAKE	25,922,600	50,596,768	114,500	441.89
M502570	CANTON LAKE	20,202,600	36,654,385	677,000	54.14
M503890	COPAN LAKE	1,776,045	5,923,465	116,700	50.76
M504100	COUNCIL GROVE	8,659,800	18,857,234	1,000,600	18.85
M505350	EL DORADO LAKE	7,677,815 *	14,590,613	15,000	972.71
M505360	ELK CITY	3,466,600	6,180,532	227,300	27.19
M505650	EUFULA LAKE	68,361,008	203,408,179	1,285,200	158.27
M505790	FALL RIVER LAKE	1,772,400	3,640,758	108,600	33.52
M506000	FORT GIBSON LAKE	77,191,400 *	148,016,053	1,137,300	130.15
M506040	FORT SUPPLY LAKE	88,864	203,340	205,100	0.99
M506850	GREAT SALT PLAINS	7,198,500	15,236,489	48,600	313.51
M507500	HEYBURN LAKE	1,797,800	4,004,995	301,000	13.31
M507830	HUGO LAKE	2,450,083	4,889,974	1,989,800	2.46
M507850	HULAH LAKE	3,694,000	10,518,517	168,000	62.61
M508530	JOHN REDMOND RESERVOIR	1,443,100	3,719,937	295,700	12.58
M508790	KAW LAKE	5,598,500 *	10,119,401	1,069,900	9.46
M508990	KEYSTONE LAKE	14,419,600	36,234,148	1,301,300	27.84
M510650	MARION LAKE	5,717,000	12,900,639	461,500	27.95
M511340	OOLOGAH LAKE	20,747,800	49,018,337	482,300	101.63
M513370	OPTIMA LAKE	268,200	623,141	135,100	4.61
M513700	PAT MAYSE LAKE	3,626,900	6,892,416	289,800	23.78
M514030	PINE CREEK LAKE	6,791,300	13,776,967	304,900	45.19
M515370	ROBERT S KERR	5,984,400	17,040,340	300,900	56.63
M518050	TENKILLER FERRY LAKE	49,228,000	116,305,088	1,202,000	96.76
M518350	TORONTO LAKE	3,495,300	7,463,584	10,400	717.65
M519570	MAURIKA LAKE	4,961,600	8,888,508	404,600	21.97
M519590	WEBBERS FALLS LOCK AND DAM - ARK RIVER NAV	11,719,100	26,444,618	331,300	79.82
M574925	SARDIS LAKE	1,585,800 *	3,165,003	213,800	14.80
M574945	TEXOMA LAKE	171,532,920	366,277,675	1,945,500	188.27
M575012	ARCADIA LAKE	115,618	385,609	1,200	321.34
M575261	TRUSCOTT BRINE LAKE, AREA VIII	0	0	0	0.00
M575378	SKIATOOK LAKE	1,627,060	2,952,040	223,500	13.21

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
 FY 87 - Economic Impact
 Performance Indicators Report
 - for -

Southwestern Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
------	--------------------------------	-----------------------------	-------------------------------	-------------------------------	--------------------

M	Southwestern Division	933,892,348	2,129,937,357	43,600,700	48.85
---	-----------------------	-------------	---------------	------------	-------

M5	Tulsa District	560,189,697	1,251,654,150	17,403,800	71.92
----	----------------	-------------	---------------	------------	-------

*** This district has some projects that have been combined for analysis purposes.

M599100	ARKANSAS RIVER TULSA	7,082,400	18,697,536	400,000	46.74
M599101	00787 CHOUTEAU LOCK AND DAM				
M599102	00788 NEW GRAHAM LOCK AND DAM				
M599103	74773 W D MAYO LOCK AND DAM				

Corps of Engineers Total		2,086,127,032	5,155,295,561	153,741,400	33.53
--------------------------	--	---------------	---------------	-------------	-------

*** END OF REPORT ***

*** END OF REPORT ***

*** END OF REPORT ***

APPENDIX C: FY 88 ECONOMIC IMPACT PERFORMANCE INDICATOR REPORT

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

Lower Mississippi Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
B	Lower Mississippi Division	137,855,300	338,708,134	24,347,000	13.91
B3	St. Louis District	74,477,600	181,028,023	9,407,800	19.24
B302560	CLARENCE CANNON DAM AND MARK TWAIN LAKE	12,803,000 *	26,299,154	1,891,300	13.91
B302700	CARLYLE LAKE	15,580,300	42,719,001	1,570,200	27.21
B315190	REND LAKE	10,386,800	22,179,142	1,720,000	12.89
B316691	LAKE SHELBYVILLE	15,543,700	31,928,936	2,361,200	13.52
B319420	WAPPAPELLO LAKE	7,654,200	16,069,687	1,506,600	10.67
*** This district has some projects that have been combined for analysis purposes.					
B399100	MISSISSIPPI RIVER - ST. LOUIS	12,509,600	41,832,102	358,500	116.69
B399101	18900 POOL 24				
B399102	18910 POOL 25				
B399103	18920 POOL 26				
B	Vicksburg District	63,377,700	157,680,112	14,939,200	10.55
B400105	BAYOU BODCAU RESERVOIR	355,100	1,056,600	321,800	3.28
B400600	ARKABUTLA LAKE	6,853,400	18,791,063	1,702,400	11.04
B401052	POOL 1 (RED RIVER WATERWAY)	117,200	464,112	0	0.00
B401730	LAKE OUACHITA	15,745,900	34,287,642	1,955,500	17.53
B402330	CADDO LAKE	4,600	18,216	0	0.00
B404530	DEGRAY LAKE	9,951,800 *	22,771,908	1,534,200	14.84
B405590	ENID LAKE	5,443,600	12,456,154	1,628,200	7.65
B407090	GRENADA LAKE	6,891,500	18,895,528	1,772,300	10.66
B412170	LAKE GREESON	6,073,100	13,896,589	1,700,700	8.17
B413780	PEARL RIVER <3 LOCKS AND DAMS>	1,196,900	3,561,376	0	0.00
B416370	SARDIS LAKE	7,748,500	21,245,302	3,554,400	5.98
B419370	WALLACE LAKE	34,400	136,224	0	0.00
*** This district has some projects that have been combined for analysis purposes.					
B499100	OUACHITA BLACK RIVERS	2,961,700	10,099,397	769,700	13.12
B499101	00214 COLUMBIA POOL				
B499102	00225 JONESVILLE POOL				
B499103	27042 CALION POOL				
B499104	27043 FELSENTAL POOL				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
 FY 88 - Economic Impact
 Performance Indicators Report
 - for -

Missouri River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
C	Missouri River Division	140,965,520	334,228,785	15,477,200	21.59
C1	Kansas City District	64,433,143	143,868,954	8,747,600	16.45
C103480	CLINTON LAKE	3,378,300	7,730,294	717,000	10.78
C107330	HARLAN COUNTY LAKE	4,297,000 *	9,460,017	408,800	23.14
C107540	HILLSDALE LAKE	218,847	866,634	99,600	8.70
C108730	KANOPOLIS LAKE	3,058,246	8,114,138	243,200	33.36
C108840	HARRY S TRUMAN DAM AND RESERVOIR	8,611,500	23,611,527	1,771,800	13.33
C110030	LONG BRANCH LAKE	1,113,500	3,170,647	70,200	45.17
C110950	MELVERN LAKE	4,345,500 *	9,566,792	560,100	17.08
C111140	MILFORD LAKE	5,122,400	10,937,963	883,900	12.37
C113920	PERRY LAKE	5,069,800	9,489,449	590,000	16.08
C114270	POMME DE TERRE LAKE	3,161,778	6,196,326	644,400	9.62
C114280	POMONA LAKE	5,324,700	11,478,882	502,700	22.83
C114880	RATHBUN LAKE	2,362,500	4,489,600	638,300	7.03
C116980	SMITHVILLE LAKE	3,566,872	7,083,594	143,400	49.40
C117560	STOCKTON LAKE	6,408,000	14,888,475	651,000	22.87
C118660	TUTTLE CREEK LAKE	2,571,700 *	5,187,016	302,600	17.14
C120060	WILSON LAKE	3,012,700	6,611,096	424,000	15.59
C172276	LONGVIEW LAKE	2,209,800	4,986,502	96,600	51.62
C2	Omaha District	76,532,377	190,359,831	6,729,600	28.29
C201068	SNYDER WINNEBAGO LAKE	195,000	772,200	0	0.00
C201420	BIG BEND DAM LAKE SHARPE	2,186,300	4,668,450	638,000	7.32
C201970	BOWMAN HALEY LAKE	128,300	402,079	24,300	16.55
C203020	CHATFIELD LAKE	3,036,600 *	8,056,707	49,500	162.76
C203070	CHERRY CREEK LAKE	6,654,900	17,656,781	72,200	244.55
C204060	COTTONWOOD SPRINGS LAKE	138,300	356,501	31,300	11.39
C205780	COLD BROOK LAKE	358,600	1,123,817	48,600	23.12
C206230	FORT PECK PROJECT	1,708,396	3,362,328	539,900	6.23
C206270	FORT RANDALL DAM LAKE FRANCIS CASE	6,820,881	16,754,130	1,174,300	14.27
C206400	GARRISON DAM LAKE SAKAKAMEA	10,592,200	20,310,755	1,069,500	18.99
C206440	GAVINS POINT PROJECT	8,666,500	21,287,524	662,800	32.12
C212960	QAHE DAM LAKE QAHE	15,653,600 *	33,425,445	2,200,400	15.19
C214120	PIPESTEM LAKE	325,700	1,172,188	29,600	39.60
C272285	BEAR CREEK LAKE	308,600 *	967,122	23,600	40.98

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

Missouri River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
C	Missouri River Division	140,965,520	334,228,785	15,477,200	21.59
C2	Omaha District	76,532,377	190,359,831	6,729,600	28.29

*** This district has some projects that have been combined for analysis purposes.

C299100	PAPIO LAKES	3,907,800	14,013,371	118,400	118.36
C299101	56330 STANDING BEAR LAKE				
C299102	60020 GLENN CUNNINGHAM LAKE				
C299103	01066 WEHRSPANN LAKE - PAPIO SITE #20				
C299200	SALT CREEK LAKES	15,850,700	46,030,433	47,200	975.22
C299201	60010 OLIVE CREEK LAKE				
C299202	60011 BLUSTEM LAKE				
C299203	60012 WAGONTRAIN LAKE				
C299204	60013 STAGECOACH LAKE				
C299205	60014 YANKEE HILL LAKE				
C299206	60015 CONESTOGA LAKE				
C299207	60016 TWIN LAKES				
C299208	60017 PAWNEE LAKE				
C299209	60018 HOLMES LAKE				
C299210	60019 BRANCHED OAK LAKE				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

New England Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
D	New England Division	24,177,974	68,692,749	2,015,400	34.08
DO	NED District	24,177,974	68,692,749	2,015,400	34.08
D000282	BLACK ROCK LAKE	304,100	1,204,236	17,700	68.04
D000406	CAPE COD CANAL	12,167,200	28,269,516	540,900	52.26
D000850	BALL MOUNTAIN LAKE	470,100	965,651	95,000	10.16
D000960	BARRE FALLS DAM	406,100	1,608,156	28,300	56.83
D001560	BIRCH HILL DAM	1,428,721	3,590,147	20,000	179.51
D001720	BLACKWATER DAM	48,900	193,644	27,000	7.17
D002180	BUFFUMVILLE LAKE	64,100	253,836	6,100	41.61
D003650	COLEBROOK RIVER LAKE	303,900 *	1,203,444	26,300	45.76
D003730	CONANT BROOK DAM	53,500	211,860	3,100	68.34
D005120	EAST BRIMFIELD LAKE	859,400	2,447,107	11,100	220.46
D005310	EDWARD MACDOWELL LAKE	40,200	159,192	42,700	3.73
D006150	FRANKLIN FALLS DAM	14,500 *	57,420	20,500	2.80
D007280	HANCOCK BROOK LAKE	169,300	530,569	17,300	30.67
D007580	HODGES VILLAGE DAM	110,200	436,392	37,700	11.58
D007680	HOP BROOK LAKE	1,135,400	6,965,466	186,400	37.37
D007700	HOPKINTON-EVERETT LAKES	961,480	3,807,461	117,300	32.46
D009080	KNIGHTVILLE DAM	178,800 *	393,635	53,000	7.43
D010000	LITTLEVILLE LAKE	60,433	239,315	26,300	9.10
D010560	MANSFIELD HOLLOW LAKE	747,500	2,960,100	4,800	616.69
D012850	NORTH HARTLAND LAKE	514,400 *	1,063,892	68,400	15.55
D012870	NORTH SPRINGFIELD LAKE	127,500	504,900	53,800	9.38
D012900	NORTHFIELD BROOK LAKE	518,600	2,053,656	52,800	38.90
D013450	OTTER BROOK LAKE	448,100	1,774,476	80,600	22.02
D017780	SURRY MOUNTAIN LAKE	470,200	1,861,992	78,900	23.60
D018160	THOMASTON DAM	323,200	1,163,190	32,300	36.01
D018400	TOWNSHEND LAKE	300,800 *	1,191,168	81,700	14.58
D018610	TULLY LAKE	323,040 *	739,187	38,100	19.40
D018830	UNION VILLAGE DAM	131,600	521,136	53,100	9.81
D019690	WEST HILL DAM	205,400	813,384	62,600	12.99
D019760	WEST THOMPSON LAKE	213,300	407,740	51,600	7.90
D019780	WESTVILLE LAKE	228,000	902,880	69,200	13.05
D075257	CHARLES RIVER NATURAL VALLEY STORAGE PROJECT	50,000	198,000	10,800	18.33

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

North Atlantic Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
E	North Atlantic Division	24,452,472	76,372,950	3,692,200	20.68
E1	Baltimore District	12,760,400	32,165,269	2,876,000	11.18
E100240	ALMOND LAKE	540,900	1,190,813	1,600	744.26
E100800	AYLESWORTH CREEK LAKE	41,500	164,340	5,200	31.60
E101770	JENNINGS RANDOLPH LAKE	97,000	257,360	188,500	1.37
E104150	COWANESQUE LAKE	506,300 *	1,506,496	303,000	4.97
E104370	CURWENSVILLE LAKE	138,800	549,648	19,200	28.63
E105230	EAST SIDNEY LAKE	443,900	890,543	14,100	63.16
E114900	RAYSTOWN LAKE	7,186,800	16,217,302	1,344,900	12.06
E117050	FOSTER JOSEPH SAYERS DAM	1,815,600	6,534,308	10,100	646.96
E119900	WHITNEY POINT	411,300	989,826	14,400	68.74
E127023	ALVIN R BUSH - KETTLE CREEK	624,200	1,568,515	9,200	170.49
E140102	TIOGA-HAMMOND LAKES	954,100	2,296,118	965,800	2.38
E4	Norfolk District	2,167,100	6,820,966	33,200	205.45
E406430	GATHRIGHT DAM-LAKE MOOMAW	35,700	141,372	30,600	4.62
E480301	AIW ALBEMARLE AND CHESAPEAKE CANAL	2,131,400	6,679,594	2,600	2569.07
E5	Philadelphia District	9,524,972	37,386,715	783,000	47.75
E501340	BELTZVILLE LAKE	2,209,466 *	8,749,485	9,300	940.80
E501780	BLUE MARSH LAKE	5,749,374	22,767,521	749,400	30.38
E508200	IWM DELAWARE R TO CHESAPEAKE BAY C + D CANAL	920,100	3,311,421	13,200	250.87
E573502	PROMPTON LAKE	205,232	812,719	11,100	73.22
E573825	FRANCIS E WALTER DAM	440,800	1,745,568	0	0.00

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

North Central Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
F	North Central Division	47,835,809	122,779,032	9,699,900	12.66
F3	Detroit District	4,260,015	14,147,385	601,400	23.52
	F305040 DULUTH SHIP CANAL AND HARBOR PARK	2,402,000	6,839,599	303,000	22.57
	F308960 LOWER KEWEENAW ENTRY WATERWAY	44,900 *	127,851	500	255.70
	F317660 STURGEON BAY AND LAKE MICHIGAN SHIP CANAL	41,600	164,736	1,100	149.76
	F374224 ST MARYS RIVER	1,771,515	7,015,199	296,800	23.64
F4	Rock Island District	34,374,498	83,982,455	6,363,300	13.20
	F403910 CORALVILLE LAKE	5,821,400	13,525,557	919,500	14.71
	F415070 LAKE RED ROCK	3,160,500	7,466,934	950,000	7.86
	F416510 SAYLORVILLE LAKE	10,300,022	32,279,239	1,736,500	18.59
*** This district has some projects that have been combined for analysis purposes.					
	F499100 ILLINOIS WATERWAY	135,001	436,593	215,000	2.03
	F499101 08010 ILLINOIS WATERWAY				
	F499102 52690 FARMDALE DAM				
	F499200 MISSISSIPPI RIVER - ROCK ISLAND	14,957,575	30,274,132	2,542,300	11.91
	F499201 18940 POOL 13				
	F499202 18950 POOL 14				
	F499203 18960 POOL 16				
	F499204 18970 POOL 17				
	F499205 18990 POOL 20				
	F499206 19000 POOL 21				
	F499207 19010 POOL 22				
	F499208 19020 POOL 11				
	F499209 47041 POOL 19				
	F499210 73910 POOL 12				
	F499211 73912 POOL 15				
	F499212 73913 POOL 18				
F5	St. Paul District	9,201,296	24,649,192	2,735,200	9.01
	F505270 EAU GALLE FLOOD CONTROL PROJECT	250,300	645,208	216,900	2.97
	F507640 HOMME LAKE	121,436	480,887	6,100	78.83
	F509220 LAC QUI PARLE LAKE	212,500	582,645	15,400	37.83

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

North Central Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
F	North Central Division	47,835,809	122,779,032	9,699,900	12.66
F5	St. Paul District	9,201,296	24,649,192	2,735,200	9.01
F509300	BALDHILL DAM LAKE ASHTABULA	765,000	1,726,253	245,500	7.03
F509390	LAKE TRAVERSE	123,300	351,092	11,600	30.27
F513410	ORWELL LAKE	82,200 *	325,512	19,500	16.69

*** This district has some projects that have been combined for analysis purposes.

F599100	MISSISSIPPI HEADWATER LAKES	3,661,600	9,666,624	843,000	11.47
F599101	07160 GULL LAKE				
F599102	09620 LEECH LAKE				
F599103	14080 PINE RIVER LAKE				
F599104	14250 POKEGANA LAKE				
F599105	16270 SANDY LAKE				
F599106	20080 LAKE WINNIBIGOSHISH				
F599200	MISSISSIPPI RIVER - ST. PAUL	3,984,960	10,870,971	1,377,200	7.89
F599201	11450 MISSISSIPPI RIVER POOL NO 3				
F599202	11460 MISSISSIPPI RIVER POOL NO 4				
F599203	11470 MISSISSIPPI RIVER POOL NO 5				
F599204	11480 MISSISSIPPI RIVER POOL NO 6				
F599205	11500 MISSISSIPPI RIVER POOL NO 8				
F599206	11510 MISSISSIPPI RIVER POOL NO 9				
F599207	11520 MISSISSIPPI RIVER POOL NO 10				
F599208	11530 MISSISSIPPI RIVER POOL NO 5A				
F599209	73914 POOL NO. 1				
F599210	73915 POOL NO. 2				
F599211	73916 POOL NO. 7				
F599212	74280 ST. ANTHONY FALLS				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

North Pacific Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
G	North Pacific Division	51,713,107	141,579,472	6,644,800	21.31
G1	Alaska District	333,200	837,278	53,100	15.77
G172738	CHEMA RIVER LAKES	333,200	837,278	53,100	15.77
G2	Portland District	29,709,300	71,443,100	2,075,800	34.42
G201810	BLUE RIVER LAKE	191,800 *	601,082	4,400	136.61
G204020	COTTAGE GROVE LAKE	2,325,600	5,119,901	169,600	30.19
G204080	COUGAR LAKE	94,200	339,024	5,800	58.45
G204400	THE DALLES LOCK AND DAM, LAKE CELILO	3,598,400	7,554,697	196,700	38.41
G204690	DETROIT LAKE	44,400	175,824	9,400	18.70
G204910	DORENA LAKE	2,547,800	5,392,724	126,100	42.77
G205830	FERN RIDGE LAKE	2,253,400	7,061,930	116,500	60.62
G207530	HILLS CREEK	67,300	191,634	3,500	54.75
G207770	FALL CREEK LAKE	1,128,300	2,483,998	50,300	49.38
G208480	JOHN DAY LOCK AND DAM, LAKE UMATILLA	9,062,400	19,951,236	425,000	46.94
G210090	LOST CREEK LAKE	2,037,300	4,733,504	100,500	47.10
G272731	WILLOW CREEK	40,900	128,177	23,800	5.39
G273459	BONNEVILLE LOCK AND DAM LAKE	3,140,400	8,332,109	676,700	12.31
*** This district has some projects that have been combined for analysis purposes.					
G299100	GREEN PETER/FOSTER LAKE	2,340,900	6,231,476	52,600	118.47
G299101	06940 GREEN PETER LAKE				
G299102	68002 FOSTER LAKE				
G299200	LOOKOUT POINT/DEXTER LAKE	836,200	3,145,784	114,900	27.38
G299201	73101 LOOKOUT POINT LAKE				
G299202	79008 DEXTER LAKE				
G3	Seattle District	5,286,207	16,707,196	1,529,300	10.92
G300200	ALBENI FALLS DAM AND LAKE PEND OREILLE	1,610,500	2,956,717	628,400	4.71
G309400	LAKE WASHINGTON SHIP CANAL	2,156,700 *	8,540,532	334,000	25.57
G309750	LIBBY DAM AND LAKE KOOCANUSA	340,207	932,800	208,000	4.48
G311990	MUD MOUNTAIN DAM PROJECT WHITE RIVER	133,300	527,868	97,200	5.43
G320280	WYNOOCHEE LAKE	231,800 *	917,928	53,200	17.25
G372920	LAKE CROCKETT/KEYSTONE HARBOR/FT CASEY	492,800	1,951,488	2,300	848.47

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

North Pacific Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
G	North Pacific Division	51,713,107	141,579,472	6,644,800	21.31
G3	Seattle District	5,286,207	16,707,196	1,529,300	10.92
G373462	CHIEF JOSEPH DAM AND LAKE RUFUS WOODS	320,900 *	879,863	206,200	4.27
G4	Walla Walla District	16,384,400	52,591,898	2,986,600	17.61
G400608	ICE HARBOR LOCK & DAM, LAKE SACAJAWEA	1,807,900 *	4,660,296	525,100	8.88
G405090	DWORSHAK DAM & RESERVOIR	1,050,600 *	2,482,127	646,900	3.84
G409880	LITTLE GOOSE LOCK & DAM, LAKE BRYAN	1,583,600	4,201,608	118,400	35.49
G410180	LOWER GRANITE LOCK & DAM	2,844,700 *	8,915,005	347,900	25.63
G410210	LOWER MONUMENTAL LOCK & DAM, LAKE WEST	561,000	1,538,183	103,700	14.83
G410260	LUCKY PEAK LAKE	1,488,400 *	5,356,722	291,900	18.35
G410920	MENARY LOCK & DAM, LAKE WALLULA	6,849,800	24,652,293	739,200	33.35
G455120	MILL CREEK LAKE	198,400	785,664	213,500	3.68

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

Ohio River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
H	Ohio River Division	432,177,898	1,167,046,630	17,993,400	64.86
H1	Huntington District	107,617,591	329,257,260	4,784,000	68.82
H100280	ALUM CREEK LAKE	18,075,700	60,286,075	119,700	503.64
H101280	BEECH FORK LAKE	3,720,602	8,288,459	202,900	40.85
H101830	BLUESTONE LAKE	3,825,500 *	11,988,734	217,800	55.04
H102270	BURNSVILLE LAKE	1,935,800 *	4,864,356	398,700	12.20
H104520	DEER CREEK LAKE	8,239,700	24,517,227	59,100	414.84
H104580	DELAWARE LAKE	2,128,900	7,100,307	39,600	179.30
H104740	DEWEY LAKE	4,821,600 *	17,352,842	345,300	50.25
H104810	DILLON LAKE	4,279,300 *	11,733,241	23,100	507.93
H105190	EAST LYNN LAKE	1,102,500	3,455,125	499,700	6.91
H105900	FISHTRAP LAKE	2,137,800 *	7,129,991	254,500	28.02
H106790	GRAYSON LAKE	1,350,600 *	4,860,782	197,500	24.61
H108550	JOHN W FLANNAGAN DAM AND RESERVOIR	797,200 *	2,269,995	355,400	6.39
H112690	NORTH BRANCH KOKOSING RIVER LAKE	1,123,000	2,357,694	40,100	58.80
H112710	NORTH FORK OF POUND RIVER LAKE	236,800	937,728	40,000	23.44
H113550	PAINT CREEK LAKE	3,171,127	9,029,657	205,400	43.96
H113570	PAINTSVILLE LAKE	1,542,888	6,109,836	61,100	100.00
H114780	R D BAILEY LAKE	2,539,424	6,545,975	320,900	20.40
H117740	SUMMERSVILLE LAKE	3,328,750	7,864,438	317,500	24.77
H117840	SUTTON LAKE	2,689,700	7,658,813	425,700	17.99
H118300	TOM JENKINS DAM AND BURR OAK LAKE	12,213,500	38,275,888	16,700	2291.97

*** This district has some projects that have been combined for analysis purposes.

H199100	KANAWA RIVER	114,600	453,816	56,700	8.00
H199101	00784 WINFIELD				
H199102	00785 MARKET LOCKS AND DAM				
H199103	00786 LONDON LOCKS AND DAM				
H199200	MUSKINGUM RIVER LAKES	22,395,800	64,051,988	254,600	251.58
H199201	20010 WILLS CREEK LAKE				
H199202	22190 MOHAWK DAM				
H199203	71138 ATWOOD LAKE				
H199204	71140 BOLIVAR DAM				
H199205	71141 CHARLES MILL LAKE				
H199206	71142 CLENDENING LAKE				
H199207	71143 DOVER DAM				
H199208	71146 MOHICANVILLE DAM				
H199209	71147 PIEDMONT LAKE				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

Ohio River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
H	Ohio River Division	432,177,898	1,167,046,630	17,993,400	64.86
H1	Huntington District	107,617,591	329,257,260	4,784,000	68.82
H199210	71148 PLEASANT HILL LAKE				
H199211	71149 SENECAVILLE LAKE				
H199212	71150 TAPPAN LAKE				
H199213	75046 BEACH CITY LAKE				
H199214	75047 LEESVILLE LAKE				
H199300	OHIO RIVER - HUNTINGTON	5,846,800	22,124,291	332,000	66.64
H199301	01300 BELLEVILLE LOCKS AND DAM				
H199302	02680 CAPT ANTHONY MELDAHL LOCK AND DAM				
H199303	06310 GALLIPOLIS LOCKS AND DAM				
H199304	07020 GREENUP LOCKS AND DAM				
H199305	14810 RACINE LOCK AND DAM				
H199306	20000 WILLOW ISLAND LOCK AND DAM				
H2	Louisville District	75,238,642	196,928,842	3,081,500	63.91
H200970	BARREN RIVER LAKE	5,812,900	13,733,441	689,800	19.91
H202060	BROOKVILLE LAKE	4,032,500	11,998,704	25,800	465.07
H202130	BUCKHORN LAKE	1,180,300	3,936,537	143,800	27.38
H202350	CAESAR CREEK LAKE	5,200,400 *	14,258,769	215,500	66.17
H202360	CAGLES MILL LAKE	1,880,700	4,140,436	23,200	178.47
H202720	CARR FORK LAKE	1,920,900	6,406,586	179,900	35.61
H202780	CAVE RUN LAKE	1,594,000 *	6,312,240	64,100	98.47
H203310	CLARENCE J BROWN DAM AND RESERVOIR	3,031,100 *	12,003,156	82,400	145.67
H205180	WILLIAM H HARSHA LAKE <EAST FORK>	4,061,200	9,975,526	27,600	361.43
H206960	GREEN RIVER LAKE	4,550,300	10,267,934	271,000	37.89
H207910	HUNTINGTON LAKE	1,730,100 *	5,147,913	43,600	118.07
H208920	KENTUCKY RIVER <14 LOCKS>	148,400 *	587,664	3,500	167.90
H210570	CECIL M HARDEN LAKE	3,325,800	7,169,693	24,200	296.27
H211570	MISSISSINIEWA LAKE	4,392,200	10,050,320	65,000	154.62
H211770	MONROE LAKE	7,518,000 *	18,466,463	16,900	1092.69
H212760	NOLIN RIVER LAKE	4,167,342	9,692,486	467,300	20.72
H213730	PATOKA LAKE	4,560,800	10,436,114	35,300	295.64
H215610	ROUGH RIVER LAKE	6,757,200	13,975,376	334,000	41.84
H215930	SALAMONIE LAKE	3,396,000 *	7,770,795	51,200	151.77
H218010	TAYLORSVILLE LAKE	1,488,900 *	5,896,044	49,000	120.33
H219200	WEST FORK MILL CREEK LAKE	2,220,600	6,323,070	5,600	1129.12

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

Ohio River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
H	Ohio River Division	432,177,898	1,167,046,630	17,993,400	64.86
H2	Louisville District	75,238,642	196,928,842	3,081,500	63.91
H253400	GREENRIVER +3 LOCKS=	12,700	50,292	0	0.00
*** This district has some projects that have been combined for analysis purposes.					
H299100	OHIO RIVER - LOUISVILLE	2,256,300	8,339,285	262,800	31.73
H299101	02550 CANNELTON LOCK AND DAM				
H299102	10590 MARKLAND LOCK AND DAM				
H299103	10880 MACALPINE LOCK AND DAM				
H299104	12560 NEWBURGH LOCK AND DAM				
H299105	16950 SMITHLAND LOCK AND DAM				
H299106	18840 UNIONTOWN LOCK AND DAM				
H299107	76114 LOCK & DAM 52 + OHIO RIVER				
H299108	76115 LOCK & DAM 53 + OHIO RIVER				
H3	Nashville District	187,860,763	474,240,809	6,277,000	75.55
H300940	BARKLEY LOCK AND DAM LAKE BARKLEY	25,112,264	66,627,859	930,800	71.58
H302840	CENTER HILL LAKE	25,672,844	59,648,799	873,500	68.29
H303040	CHEATHAM LOCK AND DAM	8,122,091	25,453,821	442,300	57.55
H303940	CORDELL HULL DAM AND RESERVOIR	12,579,610	33,376,221	868,700	38.42
H304390	DALE HOLLOW LAKE	36,377,693 *	73,372,352	904,700	81.10
H308370	J PERCY PRIEST DAM AND RESERVOIR	17,794,052	55,764,780	967,200	57.66
H309550	LAUREL RIVER LAKE	185,562	734,826	34,300	21.42
H310740	MARTINS FORK LAKE	794,295 *	3,145,408	13,400	234.73
H313280	OLD HICKORY LOCK AND DAM	23,318,783	69,385,039	1,139,300	60.90
H320140	WOLF CREEK DAM LAKE CUMBERLAND	37,903,569	86,731,705	102,800	843.69
H4	Pittsburgh District	61,460,902	166,619,720	3,850,900	43.27
H401400	BERLIN LAKE	7,927,900 *	21,034,304	198,600	105.91
H403750	CONEMAUGH RIVER LAKE	534,200	2,115,432	143,300	14.76
H404280	CROOKED CREEK LAKE	1,604,800	5,775,643	563,100	10.26
H405150	EAST BRANCH CLARION RIVER LAKE	842,200	2,398,131	121,600	19.72
H409050	KINZUA DAM AND ALLEGHENY RESERVOIR	2,691,100	9,685,215	98,800	98.03
H410250	LOYALHANNA LAKE	2,155,100 *	6,753,868	192,300	35.12

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

Ohio River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
H	Ohio River Division	432,177,898	1,167,046,630	17,993,400	64.86
H4	Pittsburgh District	61,460,902	166,619,720	3,850,900	43.27
H410400	MAHONING CREEK LAKE	249,900	783,162	58,500	13.39
H411870	MOSQUITO CREEK LAKE	3,555,400	12,795,813	100,300	127.58
H416700	SHENANGO RIVER LAKE	19,210,400 *	44,633,828	949,400	47.01
H417580	STONEWALL JACKSON LAKE	431,400	1,552,600	114,000	13.62
H418260	TIONESTA LAKE	4,069,900	10,491,144	448,300	23.40
H418730	TYGART LAKE	3,936,600	10,793,606	75,700	142.58
H418790	UNION CITY DAM	143,600	516,814	31,400	16.46
H419660	MICHAEL J KIRWAN DAM AND RESERVOIR	3,406,800	10,676,571	12,900	827.64
H420190	WOODCOCK CREEK LAKE	1,947,500	6,103,270	88,200	69.20
H420380	YOUGHIOGHENY RIVER LAKE	8,310,101	18,752,075	542,500	34.57

*** This district has some projects that have been combined for analysis purposes.

H499100	OHIO RIVER - PITTSBURGH	124,001	491,044	74,000	6.64
H499101	07290 HANNIBAL LOCKS AND DAM				
H499102	13150 NEW CUMBERLAND LOCKS AND DAM				
H499103	14010 PIKE ISLAND LOCKS AND DAM				
H499104	71456 MONTGOMERY LOCKS AND DAM				
H499105	71457 DASHIELDS LOCKS AND DAM				
H499106	71458 ENSWORTH LOCKS AND DAMS				
H499200	MONONGAHELA RIVER	315,900	1,250,964	18,700	66.90
H499201	10840 MAXWELL LOCKS AND DAM				
H499202	13360 OPEKISKA LOCKS AND DAM				
H499203	71489 LOCKS AND DAM 2				
H499204	71491 LOCKS AND DAM 3				
H499205	71492 LOCKS AND DAM 4				
H499206	71497 LOCK AND DAM 7				
H499207	71499 POINT MARION LOCK AND DAM				
H499208	71502 MORGANTOWN LOCK AND DAM				
H499209	71504 HILDEBRAND LOCK AND DAM				
H499300	ALLEGHENY RIVER	4,100	16,236	19,300	0.84
H499301	71474 LOCK AND DAM 2				
H499302	71477 LOCK AND DAM 3				
H499303	71478 LOCK AND DAM 4				
H499304	71479 LOCK AND DAM 5				
H499305	71480 LOCK AND DAM 6				
H499306	71481 LOCK AND DAM 7				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

Ohio River Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
H	Ohio River Division	432,177,898	1,167,046,630	17,993,400	64.86
H4	Pittsburgh District	61,460,902	166,619,720	3,850,900	43.27
H499307	71482 LOCK AND DAM 8				
H499308	71483 LOCK AND DAM 9				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

South Atlantic Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
K	South Atlantic Division	382,744,084	996,420,290	29,992,100	33.22
K3	Jacksonville District	40,672,051	110,365,848	599,500	184.10
K304300	CROSS FLA BARGE CANAL	3,557,251	9,753,484	211,100	46.20
K306090	FOUR RIVER BASINS	2,872,300	11,374,308	0	0.00
K313240	LAKE OKEECHOBEE AND WATERWAY	33,540,900	86,459,720	388,400	222.60
K374434	FERNANDINA HARBOR	382,400	1,514,304	0	0.00
K374503	MIAMI HARBOR	319,200	1,264,032	0	0.00
K5	Mobile District	208,813,788	546,644,567	20,726,600	26.37
K500220	ALLATOONA LAKE	66,551,800 *	167,234,025	2,782,000	60.11
K502200	LAKE SIDNEY LANIER	40,163,200	114,363,105	4,525,000	25.27
K502730	CARTERS DAM AND LAKE	3,769,100	11,811,982	1,092,200	10.81
K508450	JIM WOODRUFF LA LAKE SEMINOLE	8,902,261	26,488,678	1,908,400	13.88
K513220	OKATIBBEE LAKE	4,432,353	9,464,492	508,500	18.61
K519710	WEST POINT LAKE	20,713,173	54,956,191	2,171,200	25.31
K568001	BLACK WARRIOR AND TOMBIGBEE LAKES 6	10,521,130	25,843,052	1,898,600	13.61
*** This district has some projects that have been combined for analysis purposes.					
K599100	TENNESSEE TOMBIGBEE WATERWAY	7,432,559	19,458,439	3,234,500	6.02
K599101	01038 GAINESVILLE				
K599102	01039 ALICEVILLE				
K599103	01040 COLUMBUS				
K599104	01041 ABERDEEN				
K599105	01042 CANAL SECTION				
K599106	01091 BAY SPRINGS				
K599200	MILLERS FERRY/CLAIBORNE/BOB HENRY	19,187,207	41,789,737	558,900	74.77
K599201	08590 WOODRUFF LAKE				
K599202	11220 BILL DANNELLY RES				
K599203	03390 CLAIBORNE LOCK AND DAM				
K599300	GEORGE ANDREWS/WALTER F. GEORGE	27,141,005	75,234,866	2,047,300	36.75
K599301	19190 WALTER F. GEORGE				
K599302	51270 GEORGE ANDREWS				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
 FY 88 - Economic Impact
 Performance Indicators Report
 - for -

South Atlantic Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
K	South Atlantic Division	382,744,084	996,420,290	29,992,100	33.22
K6	Savannah District	80,731,645	193,075,982	5,707,200	33.83
K603350	J. STROM THURMOND LAKE	31,809,400	65,340,961	2,416,400	27.04
K607380	HARTWELL LAKE	45,604,542	114,596,917	3,011,100	38.06
K618530	RICHARD B RUSSELL DAM AND LAKE	2,103,903	8,331,456	279,700	29.79
K674343	NEW SAVANNAH BLUFF LOCK AND DAM	1,213,800 *	4,806,648	0	0.00
X7	Wilmington District	52,526,600	146,333,893	2,958,800	49.46
K705800	FALLS LAKE	6,433,100	25,475,076	132,500	192.26
K708350	JOHN H KERR DAM AND RESERVOIR	32,277,800	79,283,960	1,316,500	60.22
K712410	B EVERETT JORDAN LAKE AND DAM	3,402,600	10,663,408	187,000	57.02
K713990	PHILPOTT LAKE	2,876,700	9,015,290	500,400	18.02
K719220	W KERR SCOTT DAM AND RESERVOIR	7,144,000	20,342,254	748,500	27.18
K774346	CAPE FEAR RIVER <3 LOCKS AND DAMS>	392,400	1,553,904	73,900	21.03

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

South Pacific Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
L	South Pacific Division	45,460,870	122,766,699	8,815,400	13.93
L1	Los Angeles District	19,473,200	63,194,825	599,700	105.38
L100190	ALAMO LAKE	598,200	1,059,544	53,300	19.88
L111700	MOJAVE RIVER DAM	396,500	698,276	27,000	25.86
L113560	PAINTED ROCK DAM	59,900	106,017	600	176.70
L175313	SALINAS DAM SANTA MARGARITA LAKE	298,400	1,181,664	0	0.00
*** This district has some projects that have been combined for analysis purposes.					
L199100	LOS ANGELES COUNTY DRAINAGE AREA	13,161,300	45,748,679	261,500	174.95
L199101	00761 SANTA FE DAM RECREATION AREA				
L199102	74743 WHITTIER NARROWS DAM LEGG LAKE				
L199103	75232 SEPULVEDA DAM				
L199104	75234 HANSEN DAM				
L199200	SANTA ANA RIVER PROJECTS	4,958,900	14,400,646	257,300	55.97
L199201	74726 BREA DAM				
L199202	74727 CARBON CANYON DAM				
L199203	74729 FULLERTON DAM				
L199204	74732 PRADO DAM				
L2	Sacramento District	25,786,870	58,776,706	7,714,300	7.62
L201600	BLACK BUTTE LAKE	1,172,500	2,682,938	727,700	3.69
L204990	LAKE SONOMA WARM SPRINGS DAM	1,622,400	4,076,832	805,300	5.06
L205580	HARRY L ENGLEBRIGHT LAKE	822,200	1,772,482	191,000	9.28
L208240	ISABELLA LAKE	5,643,170	11,382,048	1,211,200	9.40
L210750	MARTIS CREEK LAKE	280,500	662,704	70,500	9.40
L212390	NEW HOGAN LAKE	2,322,800	4,740,695	927,100	5.11
L212460	STANISLAUS RIVER PARKS	313,000	1,239,480	316,400	3.92
L214040	PINE FLAT LAKE	2,976,800	6,717,268	514,400	13.06
L217680	SUCCESS LAKE	2,771,100	7,143,175	807,300	8.85
L218090	LAKE KAWAHA	2,104,800	5,584,455	403,900	13.83
L268004	EASTMAN LAKE	661,500	1,400,144	487,300	2.87
L268006	HENSLEY LAKE	757,000	1,821,781	305,900	5.96
L274645	LAKE MENDOCINO	4,339,100	9,552,702	946,300	10.09

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

South Pacific Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
L	South Pacific Division	45,460,870	122,766,699	8,815,400	13.93
L3	San Francisco District	200,800	795,168	501,400	1.59
L301092	S F BAY MODEL REGIONAL VISITOR CENTER	200,800 *	795,168	501,400	1.59

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

Southwestern Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
M	Southwestern Division	721,980,395	1,658,414,845	52,889,900	31.36
M1	Albuquerque District	27,049,224	55,257,608	1,512,600	36.53
M100070	ABIQUIU DAM	2,137,200	4,390,108	360,200	12.19
M103520	COCHITI LAKE	2,268,600	5,572,362	338,200	16.48
M103740	CONCHAS LAKE	7,833,500	15,020,893	135,800	110.61
M106290	GALISTEO DAM	15,600 *	61,776	23,800	2.60
M108440	JEMEZ CANYON DAM	156,200 *	618,552	55,000	11.25
M108510	JOHN MARTIN DAM	11,652,200	23,255,927	443,100	52.48
M110080	SANTA ROSA DAM AND LAKE	1,837,700	3,858,178	84,900	45.44
M118480	TRINIDAD LAKE	1,108,924	2,367,908	42,500	55.72
M118720	TWO RIVERS DAM AND RESERVOIR	39,300	111,905	29,100	3.85
M2	Ft. Worth District	134,291,908	310,300,119	17,958,200	17.28
M200930	BARDWELL LAKE	1,168,400	3,326,972	457,000	7.28
M201330	BELTON LAKE	15,057,700	39,951,090	1,347,400	29.65
M201350	BENBROOK LAKE	4,341,000	11,189,969	669,700	16.71
M202590	CANYON LAKE	5,477,900	15,598,101	643,100	24.25
M205850	FERRELLS BRIDGE DAM LAKE O THE PINES	6,711,600	17,807,217	927,000	19.21
M206760	GRAPEVINE LAKE	5,725,800	14,388,019	1,289,700	11.16
M207710	HORDS CREEK LAKE	771,300 *	1,646,972	350,200	4.70
M209580	LAVON LAKE	3,780,600	10,765,107	1,709,100	6.30
M209740	LEWISVILLE LAKE	9,724,500	19,408,546	951,900	20.39
M212260	NAVARRO MILLS LAKE	4,285,800	9,547,562	952,700	10.02
M214580	PROCTOR LAKE	3,752,800	7,943,252	689,700	11.52
M216040	SAM RAYBURN RESERVOIR	20,753,300	42,100,559	887,800	47.42
M216090	O C FISHER LAKE	1,639,800	4,496,102	490,000	9.18
M217110	SOMERVILLE LAKE	18,176,900	36,466,133	1,195,200	30.51
M217530	STILLHOUSE HOLLOW RESERVOIR	3,359,500	7,580,846	858,600	8.83
M218110	WRIGHT PATMAN DAM AND LAKE	8,527,400	16,351,460	868,400	18.83
M219250	WACO LAKE	6,651,400	20,844,822	887,000	23.50
M219920	WHITNEY LAKE	6,672,200	13,457,561	1,169,900	11.50
M274786	AQUILLA DAM LAKE	271,400	1,074,744	121,100	8.87
M274871	TOWN BLUFF DAM BA STEINHAGEN LAKE	3,986,000 *	8,775,338	305,200	28.75
M275357	GRANGER LAKE	1,045,100	2,626,169	484,000	5.43
M275358	LAKE GEORGETOWN	2,411,508	4,953,575	703,500	7.04

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

Southwestern Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
M	Southwestern Division	721,980,395	1,658,414,845	52,889,900	31.36
M3	Galveston District	7,512,200	29,748,312	144,400	206.01
*** This district has some projects that have been combined for analysis purposes.					
M399100	ADDICKS/BARKER	7,512,200	29,748,312	144,400	206.01
M399101	02160 ADDICKS DAM				
M399102	75376 BARKER DAM				
M4	Little Rock District	140,971,955	387,556,113	14,778,600	26.22
M401230	BEAVER LAKE	13,543,416 *	40,298,434	1,570,200	25.66
M401800	BLUE MOUNTAIN LAKE	1,021,300	2,508,619	224,900	11.15
M403420	CLEARWATER LAKE	4,019,700	10,665,068	682,200	15.63
M404450	DARDANELLE LAKE L & D (ARK.RIV.NAV.SYS 11)	21,158,624	58,013,985	949,100	61.13
M404620	DEQUEEN LAKE	1,274,435	3,792,081	247,000	15.35
M404770	DIERKS LAKE	577,986	1,108,300	265,900	4.17
M406550	GILLHAM LAKE	627,000	1,338,846	342,400	3.91
M407070	GREERS FERRY LAKE	254,400 *	797,264	2,331,200	0.34
M411240	MILLWOOD LAKE	7,162,700 *	13,611,709	447,100	30.44
M412620	NIMROD LAKE	2,535,600	6,228,194	321,200	19.39
M412830	NORFORK LAKE	11,827,300	29,051,397	1,121,000	25.92
M413520	OZARK LAKE TAYLER LAKE A ARK.RIV.NAV.SYS 11	4,037,296	13,465,190	424,700	31.71
M418030	TABLE ROCK LAKE	25,558,500	56,268,060	1,836,900	30.63
M474912	BULL SHOALS LAKE	22,475,700 *	70,436,596	1,696,000	41.53

*** This district has some projects that have been combined for analysis purposes.

M499100	ARKANSAS RIVER - LITTLE ROCK	24,897,998	79,972,370	2,318,800	34.49
M499101	00741 MORRELL				
M499102	00742 WILBER MILLS				
M499103	00743 POOL 3				
M499104	00744 POOL 4				
M499105	00745 POOL 5				
M499106	00746 DAVID D TERRY				
M499107	00747 MURRAY				
M499108	00748 TOAD SUCK FERRY				
M499109	00749 ROCKEFELLER LAKE				

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
FY 88 - Economic Impact
Performance Indicators Report
- for -

Southwestern Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
M	Southwestern Division	721,980,395	1,658,414,845	52,889,900	31.36
M4	Little Rock District	140,971,955	387,556,113	14,778,600	26.22
M499110	00753 POOL 13				
M5	Tulsa District	412,155,108	875,552,693	18,496,100	47.34
M500534	WISTER LAKE	8,658,594	17,564,997	42,700	411.36
M501450	PEARSON-SKUBITZ BIG HILL LAKE	4,011,300	7,318,456	461,300	15.86
M501540	BIRCH LAKE	1,260,400 *	2,625,640	275,000	9.55
M502040	BROKEN BOW LAKE	15,650,100	30,546,491	89,800	340.16
M502570	CANTON LAKE	14,775,800	26,808,325	784,500	34.17
M503890	COPAN LAKE	218,400	728,408	170,400	4.27
M504100	COUNCIL GROVE	10,366,300	22,573,240	404,900	55.75
M505350	EL DORADO LAKE	4,630,000 *	8,798,667	11,900	739.38
M505360	ELK CITY	2,470,400	4,404,427	241,200	18.26
M505650	EUFULA LAKE	34,545,300	102,789,540	1,366,200	75.24
M505790	FALL RIVER LAKE	1,712,600	3,517,920	148,100	23.75
M506000	FORT GIBSON LAKE	51,293,100	98,355,545	1,133,500	86.77
M506040	FORT SUPPLY LAKE	7,287,700	16,675,861	403,700	41.31
M506850	GREAT SALT PLAINS	3,797,700	8,038,288	63,900	125.79
M507500	HEYBURN LAKE	1,341,800	2,989,155	428,100	6.98
M507830	HUGO LAKE	1,912,270	3,816,585	1,824,100	2.09
M507850	HULAH LAKE	1,156,805	3,293,956	218,200	15.10
M508530	JOHN REDMOND RESERVOIR	1,090,800	2,811,799	508,600	5.53
M508790	KAW LAKE	13,048,000 *	23,584,521	1,347,500	17.50
M508990	KEYSTONE LAKE	12,644,700	31,774,108	1,266,500	25.09
M510650	MARION LAKE	4,531,800	10,226,188	403,100	25.37
M511340	OOLOGAH LAKE	18,792,200	44,398,076	453,600	97.88
M513370	OPTIMA LAKE	184,300	428,206	155,500	2.75
M513700	PAT MAYSE LAKE	2,443,000 *	4,594,208	435,000	10.56
M514030	PINE CREEK LAKE	1,288,621	2,391,577	412,600	5.80
M515370	ROBERT S KERR	2,979,300	8,483,438	390,100	21.75
M518050	TENKILLER FERRY LAKE	48,982,000	87,178,164	1,284,300	67.88
M518350	TORONTO LAKE	3,180,300	6,790,958	8,600	789.65
M519570	MAURIKA LAKE	7,111,100	12,595,323	520,700	24.19
M519590	WEBBERS FALLS LOCK AND DAM - ARK RIVER NAV	5,906,600	13,328,479	259,000	51.46
M574925	SARDIS LAKE	6,004,300	11,213,511	384,000	29.20
M574945	TEXOMA LAKE	112,274,000 *	239,740,918	1,865,700	128.50

* Project visitor hours used when area visitor hours exceeded project visitor hours or when area visitor hours were zero.

U.S. Army Corps of Engineers
 FY 88 - Economic Impact
 Performance Indicators Report
 - for -

Southwestern Division

Code	Division/District/Project Name	Total Area Visitor Hours	Total Visitor Expenditures	Total Rec O&M Expenditures	Economic Impact
M	Southwestern Division	721,980,395	1,658,414,845	52,889,900	31.36
M5	Tulsa District	412,155,108	875,552,693	18,496,100	47.34
M575012	ARCADIA LAKE	115,618	385,609	7,800	49.44
M575261	TRUSCOTT BRINE LAKE, AREA VIII	12,100	29,721	700	42.46
M575378	SKIATOOK LAKE	2,845,000 *	5,161,797	286,700	18.00
*** This district has some projects that have been combined for analysis purposes.					
M599100	ARKANSAS RIVER TULSA	3,632,800	9,590,592	438,600	21.87
M599101	00787 CHOUTEAU LOCK AND DAM				
M599102	00788 NEW GRAHAM LOCK AND DAM				
M599103	74773 W D MAYO LOCK AND DAM				
Corps of Engineers Total		2,009,363,429	5,027,009,586	171,567,300	29.30

*** END OF REPORT ***

*** END OF REPORT ***

*** END OF REPORT ***